

**THE  
CANADIAN MADE  
TOOL LINE**

**GRAY-BONNEY TOOL COMPANY, LIMITED**

St. Clarens and Royce Avenues

TORONTO - ONTARIO - CANADA

**CATALOGUE No. 41**





*The Finest That Money Can Buy*

## Gray-Bonney Guarantee

Every Gray-Bonney wrench and tool is guaranteed against defects due to faulty material or workmanship. For obvious reasons we cannot replace tools that have worn out due to long and continuous use.

We are frequently asked to replace ratchets which are slipping. This condition is usually due to an accumulation of dirt and grease, which can be remedied by soaking in gasoline overnight. Should this not rectify the trouble, Nos. 603 and 98 are easily taken apart, and the worn or defective parts returned to us for replacement. In the event of trouble with No. 1497, it should be returned to your jobber, or to us direct, for free overhaul.

Please refer to notations on pages 30, 33, 40 and 42, regarding GUARANTEE ON IGNITION PLIERS, SCREW DRIVERS, NEON TUBES, PUNCHES AND CHISELS.

New tips for Soft Faced Hammers are listed on page 34, and it should be understood that worn out tips cannot be replaced.



THE HOME OF GRAY-BONNEY TOOLS  
TORONTO - - CANADA

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## Reference Table

### Wrench and Socket Openings and Sizes of Bolts and Nuts They Will Take

Wrench Opening in Inches	The Dimensions given below are the outside diameters of the threads in inches				
	S.A.E. Std. Screws and Nuts	U. S. S.		American Std.	
		Nuts	Cap Screws	Nuts	Screws
3/16	...	...	...	Nos. 2-3	...
7/32	...	...	...	No. 4	...
1/4	...	...	...	Nos. 5-6	...
9/32	...	1/8	1/8	No. 8	...
5/16	...	...	...	No. 10	...
11/32	...	...	3/16	1/4	1/4
3/8	...	...	1/4	5/16	5/16
7/16	1/4	1/4	5/16	...	...
1/2	5/16	1/4	5/16	...	5/16
9/16	3/8	...	3/8	5/16	3/8
19/32	...	5/16	...	...	...
5/8	7/16	...	7/16	3/8	7/16
11/16	...	3/8	...	...	...
3/4	1/2	...	1/2	7/16	1/2
25/32	...	7/16	...	...	...
13/16	...	...	9/16	1/2	9/16
7/8	9/16	1/2	5/8	9/16	5/8
15/16	5/8	...	...	...	...
31/32	...	9/16	...	...	...
1	11/16	...	3/4	5/8	3/4
1-1/16	3/4	5/8	...	...	...
1-1/8	...	...	7/8	3/4	7/8
1-3/16	...	...	...	...	...
1-1/4	7/8	3/4	1	...	...
1-5/16	...	...	...	7/8	1
1-3/8	...	...	1-1/8	...	...
1-7/16	1	7/8	...	...	...
1-1/2	...	...	1-1/4	1	1-1/8
1-9/16	...	...	...	...	...
1-5/8	1-1/8	1	1-3/8	...	...
1-11/16	...	...	...	1-1/8	1-1/4
1-3/4	...	...	...	...	...
1-13/16	1-1/4	1-1/8	...	...	...
1-7/8	...	...	...	1-1/4	...
2	1-3/8	1-1/4	...	...	...
2-1/16	...	...	...	...	...
2-1/8	...	...	...	...	...
2-3/16	1-1/2	1-3/8	...	...	...
2-1/4	...	...	...	1-1/2	...
2-5/16	...	...	...	...	...
2-3/8	...	1-1/2	...	...	...
2-7/16	...	...	...	...	...
2-1/2	...	...	...	...	...
2-9/16	...	1-5/8	...	...	...
2-5/8	...	...	...	1-3/4	...
2-11/16	...	...	...	...	...
2-3/4	...	1-3/4	...	...	...
2-15/16	...	1-7/8	...	...	...
3-1/8	...	2	...	...	...

## 1/4" Drive Sockets and Handles

### Set No. NC-3

1/4" Square Drive

Chrome Alloy Steel Chrome Plated



The socket sizes in this handy little set have been carefully selected to take care of delicate adjustments on magnetos, timers, carburetors, etc. All parts are made of high grade alloy steel and are chrome plated. The following sockets and handles are included:

No.	Description	No.	Description
NA1	1/4" Dbl. Hex. Socket	NA10	1/4" Dbl. Sq. Socket
NA2	9/32"	NA11	5/16"
NA3	5/16"	NA12	3/8"
NA4	11/32"	NA7	Flex Handle 6"
NA5	3/8"	NA8	Cross Bar
NA6	7/16"	NA14	Reversible Hatchet

Packed in Steel Box.

### Set No. NC-4

This popular little set has long been a favourite with ignition, refrigerator and radio service men. Contains the same sockets and handles as NC3, but has no ratchet. Packed in Steel Box.

### NA9 Flexible Socket Handle

This handle is similar in design and construction to the flexible screwdriver illustrated on page 42, except that the end is made for use with any standard 1/4" square drive socket. It is an ideal tool for work on magnetos, timers and anything where small sockets would be used. Length overall, 10".

## Sockets and Attachments

### 1/4" Square Drive

Extra small sockets and handles, made possible by using 3/4" drive, are invaluable for ignition and radio work. All are alloy steel and chrome plated.

No.	Description
NA1	1/4" Double Hex. Socket
NA2	9/32"
NA3	5/16"
NA4	11/32"
NA5	3/8"
NA6	7/16"
NA10	1/4" Double Square Socket
NA11	5/16"
NA12	3/8"

### Attachments

NA7	Flex Handle 6"
NA8	Cross Bar
NA9	Spring Flex. Handle
NA14	Rev. Rat. & Conn.
NA16	1/4" Square Conn.





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## 3/8" Drive Sockets, Sets and Attachments

Sockets with 3/8" drive are fast becoming a part of every good mechanic's kit. The thin walls of the sockets and the special design of the handles reduces the hard-to-get-at places to a minimum. The new Gray 3/8" drive sockets are drop forged from special alloy steel, and though thin and light will stand up under the most exacting conditions.

### 3/8" Drive Sockets

No.	Description	No.	Description
T12	3/8" D. Hex Socket	T22	11/16" D.H. Socket
T14	7/16" "	T24	3/4" "
T16	1/2" "	TS8	1/4" D. Sq. Socket
T18	9/16" "	TS10	5/16" "
T20	5/8" "	TS12	3/8" "

### Handles and Attachments

No.	Description	No.	Description
T3	Universal Joint	T31	3" Extension
T4	6" Extension	T32	Cross Bar
T5	11" "	T35	Reversible Ratchet
T9	Speeder	T36	Sliding T Handle
T27	Drag Link Socket	TP2	Phillip's Attach.
T30	Flex Handle	TP3	" "

### Extra Deep Double Hex. Sockets 3/8" Square Drive

No.	Double Hex.	Length
LT14	7/16"	2"
LT16	1/2"	2"
LT18	9/16"	2"
LT20	5/8"	2-1/4"
LT22	11/16"	2-3/8"
LT24	3/4"	2-3/8"
LT26	13/16"	2-3/8"
LT28	7/8"	2-1/2"

### Extra Deep Double Square Sockets 3/8" Square Drive

No.	Double Sq.	Length
TS14	7/16"	1-1/2"
TS16	1/2"	1-1/2"
TS18	9/16"	1-1/2"
TS20	5/8"	1-1/2"

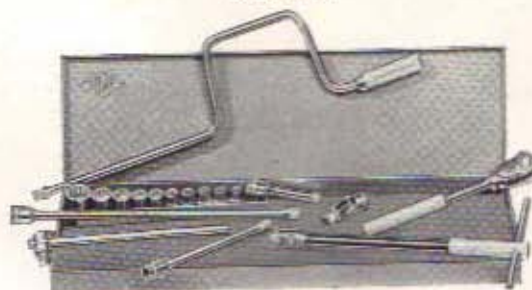
### Universal Joint Sockets 3/8" Square Drive

No.	Socket Size
TU14	7/16" Double Hexagon
TU16	1/2" "
TU18	9/16" "
TU20	5/8" "

### Drag Link Socket 3/8" Square Drive

No. T27—Drag Link Socket with 3/8" square drive.

### TG1 3/8" Drive Set 19 Pieces



The increasing popularity of 3/8" drive sockets will make this new set a valuable addition to the kit of any mechanic. The sockets are carefully broached from alloy steel and the handles are extremely light and easy to use. The reversible ratchet is of the highest quality, and can be used with 1/4" drive by the use of a 1/4" connector. The following sockets and handles are included:

No.	Description	No.	Description
T12	D. Hex. Socket	TS12	D. Square Socket
T14	"	T3	Univ. Joint
T16	"	T4	6" Extension
T18	"	T5	11" "
T20	"	T31	3" "
T22	"	T9	Speed Handle
T24	"	T30	Flex Handle
TS8	D. Sq. Socket	T32	Cross Bar
TS10	"	T35	Rever. Ratchet
		T36	Sliding T Handle

Packed in steel box as illustrated.

### TG2 3/8" Drive Set 12 Pieces



For the mechanic who needs a 3/8" drive set for the occasional job, this inexpensive set is ideal. It contains the essential sockets and a flexible handle and cross bar. The sockets are the same high quality as used in the larger sets, and will give the same satisfactory service.

The following is a list of the parts in this set:

No.	Description	No.	Description
T12	D. Hex. Socket	T24	D. Hex. Socket
T14	"	TS8	D. Square Socket
T16	"	TS10	"
T18	"	TS12	"
T20	"	T30	Flex Handle
T22	"	T32	Cross Bar

Packed in steel box as shown above.



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## 1/2" Drive Special Sockets and Adapters

### Extra Deep Double Hex. Sockets

### Universal Joint Sockets

1/2" Square Drive 3-1/4" Long

No.	Openings	No.	Openings
LD16	1/2"	LD26	13/16"
LD18	9/16"	LD28	7/8"
LD20	5/8"	LD30	15/16"
LD22	11/16"	LD32	1"
LD24	3/4"	LD36	1-1/8"

The most efficient type of socket for clearing obstructions or working in confined spaces. Forged from alloy steel. Nickel plated finish.



### LDM Spark Plug Socket Set

1/2" Square Drive



Gray-Bonney LDM Set will give the garage and service station a set of spark plug sockets that will fit all plugs used by the popular cars. Sizes included: LD26, LD28, LD30, LD32 and LD36. 1/2" square drive, with 609 Cross Bar.

LDM Set in metal box.

LD Set in cardboard box.

### No. LD2 Spark Plug Set

This set is designed for the servicing of the newer cars. It contains four sockets—LD22 (10mm) LD26 (14mm), LD28 (7/8" x 18) and LD30 (18mm), with 609 Cross Bar. Packed in fibre box.

### Drag Link Sockets

No. 405—Width of blade, 15/16". 1/2" square drive.

No. 4002—For trucks. Width of blade, 1-1/4". 1/2" square drive.



### Stud Wrench

No. 2591. This is a new design Stud Wrench. It will take studs ranging in diameter from 5/16" to 3/4". The knurled wheel has two holes. Standard 1/2" square drive. Chrome Vanadium steel.



### Adaptors

Drop forged from alloy steel and plated



No.	Openings	
	1/2" Square Drive	
29UJ	7/16" Single Hexagon	
33UJ	1/2"	"
37UJ	9/16"	"
41UJ	5/8"	"
45UJ	11/16"	"
49UJ	3/4"	"

No.	Openings	
4296	5/8" Sq. Female & 3/4" Sq. Male	
4297	3/4"	5/8"
4298	1/2"	3/4"
4299	3/4"	1/2"
4204	3/4"	7/8"
4206	1/2"	3/8"
4208	1/2"	5/8"
4209	5/8"	1/2"
4210	7/8"	3/4"
4211	3/4"	1"
4213	1"	3/4"
4215	3/8"	1/2"

This series is designed for use with ratchet handles.

No.	Openings	
4201	1/2" Sq. Male & 5/8" Sq. Male	
4202	1/2"	3/4"
4203	3/4"	7/8"
4205	5/8"	3/4"
4207	3/8"	1/2"
4212	3/4"	1"

### Sets of Sockets — 1/2" Square Drive



No. 13SW Set contains 13 straight wall sockets: 7/16", 1/2", 9/16", 19/32", 5/8", 21/32", 11/16", 3/4", 13/16", 7/8", 15/16", 31/32" and 1". The strong steel container is designed to clip on the side of the tool box.

No. 13SW Set in Tray.

No. 13CB Sockets only.

No. 12R Set contains 12 standard wall sockets: 7/16", 1/2", 9/16", 5/8", 21/32", 11/16", 3/4", 13/16", 7/8", 15/16", 31/32" and 1", in steel container as illustrated.

No. 12R Set in Tray.

No. 12CB Sockets only.





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## Gray Standard Sockets and Attachments

1/2" Square Drive — Alloy Steel

Gray alloy steel sockets are made from 3 1/2% high carbon nickel alloy steel. These sockets are hot forged without undercut at the bottom of the gripping wall. This is a decided advance over sockets machined from the solid bar. Gray sockets are correct in design, carefully heat treated and nickel plated.

Consult this table carefully when ordering sockets.



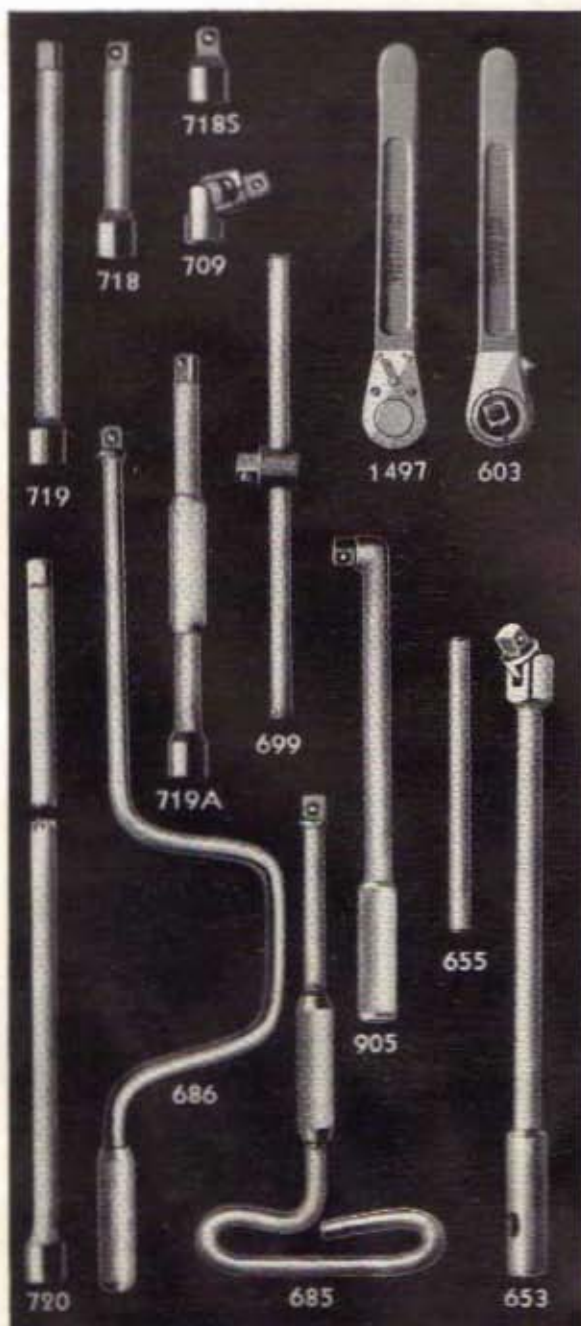
Opening	Double Hex.	Single Hex.	Str. Wall Db. Hex.
3/8"	D12	406	...
7/16"	D407	407	1407
1/2"	D408	408	1408
9/16"	D409	409	1409
19/32"	D419	419	1419
5/8"	D410	410	1410
21/32"	D421	421	1421
11/16"	D411	411	1411
3/4"	D412	412	1412
25/32"	D425	425	1425
13/16"	D413	413	1413
7/8"	D414	414	1414
15/16"	D415	415	1415
31/32"	D431	431	1431
1"	D432	...	1432
1-1/16"	D433	...	1433
1-1/8"	D434	...	1434
1-3/16"	D38	...	...
1-1/4"	D435	...	1435

### Double Square Sockets

Opening	No.	Opening	No.
3/8"	4112	11/16"	D4118
7/16"	D407S	3/4"	4124
1/2"	D408S	7/8"	4128
9/16"	D409S	1"	4132
5/8"	D410S	1-1/16"	S134

### Handles and Attachments

No.	Description
403	Connector for 603 Ratchet
603	Ratchet Handle and connector
652	Flexible Handle 12" Long
653	Flexible Handle 15" Long
653L	Flexible Handle 18" Long
655	Cross Bar for Flex Handle
685	Tee Handle revolving grip 12" long
686	Speeder with revolving grip 19" long
687	Speeder with rev. grip 14-1/2" long
699	Sliding Tee Handle 11" long
709	Universal Joint
718	Forged Extension 5" long
718S	Forged Extension 2" long
719	Forged Extension 10" long
719A	Forged Extension 10" long with revolving hand grip
720	Forged Extension 20" long
905	Offset Handle 11-1/2" long
1497	Reversible Ratchet





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## Gray Heavy Duty Sockets and Attachments

3/4" Square Drive — Alloy Steel

Gray Heavy-Duty sockets have been carefully designed and engineered to give the ultimate in strength and dependability. They have the rugged strength only found in hot forged sockets, and the extra depth of the gripping walls eliminates the possibility and consequent danger of slipping. These sockets are ideal for work on trucks and busses, as well as in industrial and railroad shops.



Consult this table  
carefully  
when ordering  
sockets

3/4" Square Handle  
Opening

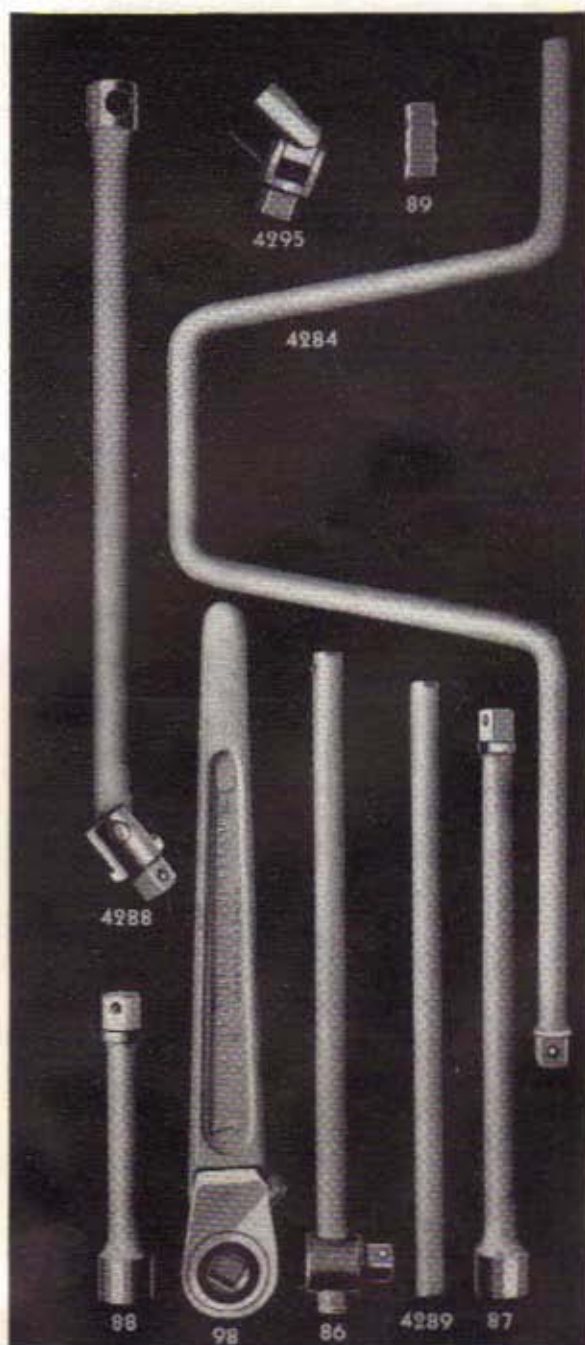
No.	Socket Size
90	1" Double Hexagon
91	1-1/16"
92	1-1/8"
93	1-1/4"
94	1-3/8"
95	1-7/16"
96	1-1/2"
97	1-5/8"
102	1-3/4"
103	1-13/16"
104	1-7/8"
106	2"

### Additional Hy-Duty Sockets

No.	Socket Size
HD28	7/8" Double Hexagon
HD30	15/16"
HD31	31/32"
HD38	1-3/16"
HD42	1-5/16"
HD50	1-9/16"
4254	1-11/16" Single Hexagon
4266	2-1/16"
4268	2-1/8"
4270	2-3/16"
4272	2-1/4"
S4228	7/8" Double Square
S4232	1"
S4234	1-1/16"
S4240	1-1/4"
S4246	1-7/16"

### Hy-Duty Handles & Attachments

No.	Description
86	Sliding Tee Handle 17-1/2" long
87	Extension 15-1/2" long
88	Extension 8" long
88S	Extension 4" long
89	3/4" Plug Connector
98	Ratchet Handle 19" long
4284	Brace
4288	Hinge Handle 22" long
4289	Cross Bar for Flex. Handle
4295	Universal Joint
4285	Reversible Ratchet 20" long





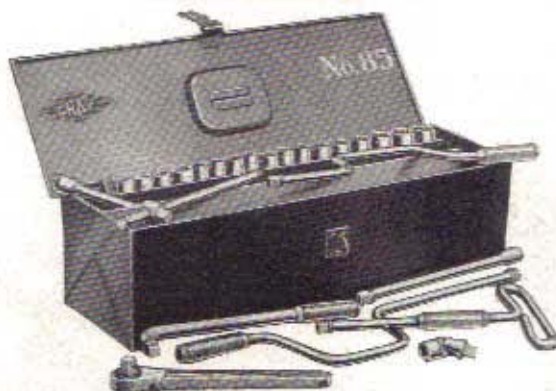


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## Gray-Bonney Socket Sets

1/2" Square Drive

### No. 85 Socket Set



An ideal set for the mechanic, containing a wide range of sockets, handles and attachments for all classes of work. All sockets and parts are high grade alloy steel and carefully heat treated.

The following tools are contained in the set:

No.	Description	No.	Description
D407	Dbl. Hex. Socket	D407S	Dbl. Sq. Socket
D408	"	D408S	"
D409	"	D409S	"
D419	"	D410S	"
D410	"	1497	Rever. Ratchet
D421	"	699	Offset & Sliding T
D411	"	718	Forged Exten. 5"
D412	"	719	" 10"
D425	"	709	Universal Joint
D413	"	905	Offset Handle
D414	"	686	Speeder 19" long
D415	"	687	Speed. 14 1/2" long
D431	"	685	Tee Handle 12"

### No. 462 Straight Wall Socket Set



For the mechanic who wants the best at low cost. Contains 12 thin wall sockets and an assortment of handles specially designed for the saving of valuable time.

The following sockets and handles are included:

No.	Description	No.	Description
1407	Dbl. Hex. Socket	1414	Dbl. Hex. Socket
1408	"	1415	"
1409	"	1431	"
1419	"	1497	Rever. Ratchet
1410	"	686	Speeder 19"
1421	"	719A	Swivel Grip Ex. 10"
1411	"	718	Forged Ex. 5"
1412	"	653	Flex. Handle 15"
1413	"	655	Cross Bar

### No. 1400 Straight Wall Spinner Set



The latest type thin straight wall sockets, hot forged from high carbon nickel alloy steel, are used in this set. The flex handle is supplied with a cross bar. Sockets are satin nickel with polished walls.

The following sockets and handles are contained in the set:

No.	Description	No.	Description
1407	Dbl. Hex. Socket	1412	Dbl. Hex. Socket
1408	"	1413	"
1409	"	1414	"
1419	"	1415	"
1410	"	1431	"
1421	"	653	Flex 15" Handle
1411	"	655	Cross Bar

### No. 461 Socket Set



An efficient set with all the necessary handles and sockets, of the highest quality, yet comparatively low in price.

The following sockets and handles are contained in the set:

No.	Description	No.	Description
D407	Dbl. Hex. Socket	D414	Dbl. Hex. Socket
D408	"	603	Ratchet Handle
D409	"	403	Ratchet Connector
D419	"	699	Sliding Tee
D410	"	718	Forged Exten. 5"
D421	"	719	Forged Exten. 10"
D411	"	709	Universal Joint
D412	"	686	Speeder 19"
D413	"		



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## Gray-Bonney Socket Sets

### No. 81 Hy-Duty Set

3/4" Square Drive

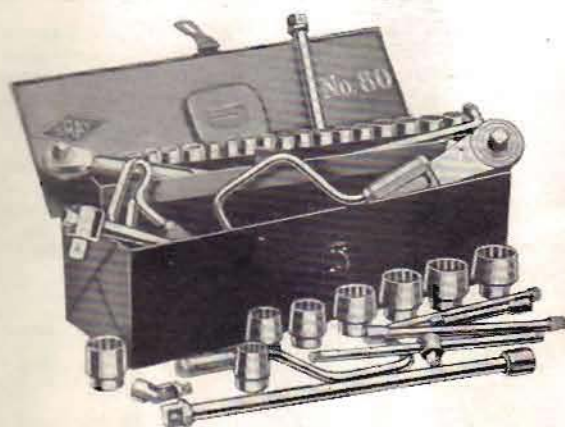


This new Hy-Duty Set has been designed for the user who needs heavy duty tools, with a minimum outlay. The box is the same as used in the No. 83 Set, and extra sockets and the No. 98 Ratchet can be added as required.

The following sockets and handles are included:

No.	Description	No.	Description
90	Dbl. Hex. Sock.	96	Double Hex. Socket
91	"	97	"
92	"	86	Sliding Tee 17-1/2" long
93	"	87	Forged Exten. 15-1/2" long
94	"	88	Forged Exten. 8" long
95	"		

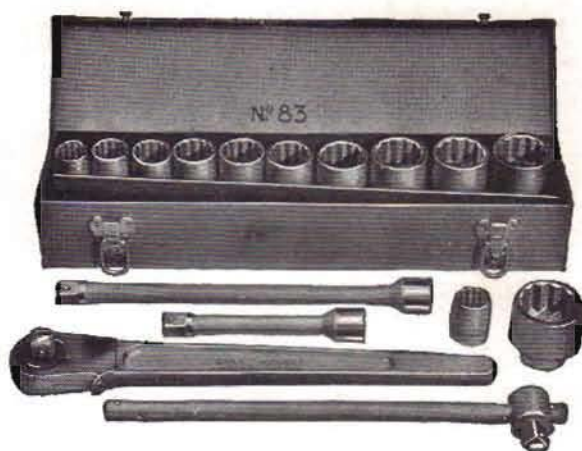
### No. 80 Combination Set



To meet the demands of the mechanic who requires a set containing both standard and heavy duty sockets and handles, the No. 80 Combination Set is ideal. To millwrights, power plant and construction engineers, this set will be invaluable. The set contains all the 1/2" square drive sockets, handles and attachments contained in the No. 85 Set, together with the Hy-Duty 3/4" sockets and handles in No. 82.

### No. 83 Hy-Duty Set

3/4" Square Drive



Great strength, combined with refinement of design, feature the handles and sockets of this set. Each socket is designed to give strength and dependability and at the same time retain the advantages of a thin socket. A very efficient set for heavy work. Contained in a strong steel box.

The following sockets and handles are included:

No.	Description	No.	Description
90	Dbl. Hex. Sock.	103	Double Hex. Socket
91	"	104	"
92	"	106	"
93	"	86	Sliding Tee Handle 17-1/2"
94	"	87	Forged Extension 15-1/2"
95	"	88	Forged Extension 8"
96	"	89	3/4" Sq. Connector
97	"	98	19" Ratchet
102	"		

### No. 82 Hy-Duty Set

3/4" Square Drive

This set, though low in price, contains the powerful No. 98 Heavy Duty Ratchet and is the same as No. 83, with the four largest sockets omitted.

The following sockets and handles are included in the set:

No.	Description	No.	Description
90	Dbl. Hex. Sock.	97	Double Hex. Socket
91	"	86	Sliding Tee 17-1/2"
92	"	87	Forged Exten. 15-1/2"
93	"	88	Forged Extension 8"
94	"	89	3/4" Square Connector
95	"	98	19" Ratchet
96	"		





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## Master Wrench Sets in Steel Chests

### Gray-Bonney AA1 Set

This is one of the most complete sets available, containing 102 carefully selected tools. These tools were chosen to give the most practical and efficient, yet reasonably priced assortment, rather than to build up a set having regard only to quantity and price. The steel chest is 26-1/2" x 12" x 11-1/4" and is fitted with tote tray and three drawers, in an attractive brown crackle finish. Weight 95 lbs.



### Gray-Bonney MD Set

The MD Set has been especially designed for mechanics, millwrights and plant engineers who desire an all-purpose set of sockets and open-end wrenches. The chest is 22-3/4" long, 10-3/4" high and 9" wide, and is fitted with removable tray. Weight of the set in chest complete is 60 lbs.



### List of Parts in AA1 and MD Sets

No.	Description	No.	Description
NC3—1/4" Drive Set (shown on page 3)		1/2" Square Drive Cont'd.	
3/8" Square Drive		LD32	1" Deep Socket
T12	3/8" D. H. Sekt.	LD36	1-1/8" "
T14	7/16" "	699	Sliding T Handle
T16	1/2" "	718S	Forged Ext. 2"
T18	9/16" "	718	" 5"
T20	5/8" "	719A	" 10"
T22	11/16" "	653	Flex. Handle 15"
T36	Sliding T Handle	655	Cross Bar
T5	11" Extension	709	Universal Joint
T4	6" "	686	Speeder 19"
T31	3" "	687	" 14-1/2"
T35	Revers. Ratchet	1497	Revers. Ratchet
1/2" Square Drive		3/4" Square Drive	
D407	7/16" D. H. Sekt.	91	1-1/16" D.H.Sekt.
D408	1/2" "	92	1-1/8" "
D409	9/16" "	93	1-1/4" "
D419	19/32" "	94	1-3/8" "
D410	5/8" "	95	1-7/16" "
D421	21/32" "	96	1-1/2" "
D411	11/16" "	97	1-5/8" "
D412	3/4" "	86	Sliding T Handle
D425	25/32" "	88	8" Extension
D413	13/16" "	88S	4" "
D414	7/8" "	Engineers' Wrenches	
D415	15/16" "	1021	5/16"x13/32" Open.
D431	31/32" "	1723	3/8" x 7/16" "
D432	1" "	1025	1/2" x 19/32" "
D407S	7/16" D. Sq. Sekt.	1027C	9/16"x11/16" "
D408S	1/2" "	1028S	5/8" x 25/32" "
D409S	9/16" "	Box Wrenches	
405	Drag Link Socket	2384	3/8" x 7/16" Open.
LD26	13/16" Deep Sekt.	2386	1/2" x 9/16" "
LD28	7/8" "	2387	9/16" x 5/8" "
LD30	15/16" "	2388	5/8" x 3/4" "

The sockets, wrenches and attachments listed above are included in the MD Set. The AA1 Set embodies all the above tools, as well as the following punches, chisels, pliers, screwdrivers and hammers.

Chisels		Pliers	
C2	1/2" x 5-1/2" Flat	B8	8" Combination
C3	5/8" x 6" "	B11	5" " Thin Nose
C4	3/4" x 6-1/2" "	B17	6" Diag. Cutting
Punches		39	7" Side Cutting
C22	6-1/4" Solid Taper	258	Water Pump
C28	1/8" x 5" Pin	522	Battery Plier
C30	1/4" x 6-3/8" Pin	523	Slip Joint Plier
Screwdrivers		Hammers	
04	4" Round Shank	12G	1 lb. Ball Pein
06	6" "	12K	4 oz. "
08	8" "	PH15	1/2 lb. Soft-faced
006	6" Electricians	Tappet Wrenches	
S01	1-3/4" Adjusting	122	(2) 1/2"x9/16" Open.
		124	(2) 5/8"x11/16" "

No. AA1 Set containing 102 pieces in steel chest.

No. MD Set containing 76 pieces in steel chest.



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## Gray-Bonney Roller Cabinets

Complete Workshops on Wheels

No more hunting for lost tools . . . no more lugging tool kits from one job to another . . . Gray-Bonney Roller Cabinets keep all your tools in one place all the time . . . and you roll them on the job and off when finished.

Gray-Bonney Roller Cabinets are made of heavy gauge sheet metal attractively finished in "crackle" tan enamel. They have rounded edges and are mounted on rubber-tired casters for noiseless, easy movement.

Two styles of roller cabinets are available, No. C having one door and No. CC with two doors. The size of the C Cabinet is 24" long, 12" wide and 27" high. The CC Roller Cabinet is 28" long, 13" wide and 27" high. The roller cabinet or lower part of these units may be purchased separately if desired.

### No. "C" Roller Cabinet and "MD" Tool Set



No. C-MD Roller Cabinet Set consists of No. MD 76-piece set (shown in detail on page 10), mounted on C Roller Cabinet.

No. C Roller Cabinet only shown in lower part of above illustration.

### No. "CC" Roller Cabinet and "AA1" Tool Set



No. CC-AA1 Roller Cabinet Set consists of No. AA1 102-piece set (shown in detail on page 10), mounted on CC Roller Cabinet.

### No. "CC" Roller Cabinet





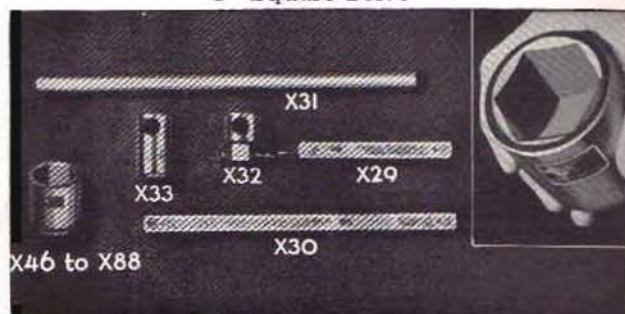


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## Extra Heavy Duty Sockets and Box Wrenches

### Extra Heavy-Duty Sockets

1" Square Drive



No.	Size	Openings
X46	1-7/16"	Single Hexagon
X48	1-1/2"	"
X52	1-5/8"	"
X58	1-13/16"	"
X60	1-7/8"	"
X64	2"	"
X70	2-3/16"	"
X72	2-1/4"	"
X74	2-5/16"	"
X76	2-3/8"	"
X78	2-7/16"	"
X80	2-1/2"	"
X82	2-9/16"	"
X84	2-5/8"	"
X86	2-11/16"	"
X88	2-3/4"	"
X94	2-15/16"	"
X100	3-1/8"	"

### Extra Heavy-Duty Handles and Attachments

No.	Description
X29	Extension 9" Long
X30	Extension 18" Long
X31	Sliding Bar 22" Long
X31L	Sliding Bar 30" Long
X32	Drive Head, Male
X33	Drive Head, Female

### Heavy Duty Box Wrenches

To answer the demand for a line of "power tools" this line of Box Wrenches will give sufficient leverage to break loose the most difficult nut or stud. They are especially designed for Diesel engines, locomotives, tractors and road machinery. Three types of offset heads are available and all have double hexagon openings. Drop forged from alloy steel.



15° Angle Head



Double Offset Head

### SPECIFICATIONS

Size Opening	Straight No.	15° Offset No.	Double Offset No.
1-1/4"	MS40	MA40	MO40
1-5/16"	MS42	MA42	MO42
1-3/8"	MS44	MA44	MO44
1-7/16"	MS46	MA46	MO46
1-1/2"	MS48	MA48	MO48
1-5/8"	MS52	MA52	MO52
1-11/16"	MS54	MA54	MO54
1-3/4"	MS56	MA56	MO56
1-13/16"	MS58	MA58	MO58
1-7/8"	MS60	MA60	MO60
2"	MS64	MA64	MO64
2-1/16"	MS66	MA66	MO66
2-3/16"	MS70	MA70	MO70
2-1/4"	MS72	MA72	MO72

Prices for larger sizes given on application.

### No. "XH" Extra Heavy-Duty Socket Set



The exceptionally large nuts and bolts on trucks, buses, tractors require heavy duty wrenches. Here is the set for those jobs. Also used in industrial work. Contains seven Hexagon Sockets Nos. X46, X48, X52, X58, X64, X70, X76, with openings of 1-7/16", 1-1/2", 1-5/8", 1-13/16", 2", 2-3/16" and 2-3/8". Also includes Attachments Nos. X29, X30, X31, X32 and X33. Box 23" x 5-1/2" x 4-1/2" high. Weight complete, 42 lbs.

### Tubular Handles for Box Wrenches



Specially designed tubular steel handles are available for use with Heavy Duty Box Wrenches. Made from selected seamless tube, these handles will give ample leverage for the largest wrench. A special locking device secures the wrench in the handle and prevents turning. Two sizes cover all wrenches and up to and including 1-1/2", handle No. M28 is used. Larger sizes take No. M32 handle.

Handle No.	Length	Inside Dia.	Outside Dia.
M-28	24"	7/8"	1-1/8"
M-32	30"	1"	1-1/4"



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## Gray-Bonney Torque-Indicating Wrenches

### No. 66 Ratchet Torque Wrench

No Other Wrench Like It



Eleven outstanding features make this wrench the best buy in a torque-indicating wrench for any mechanic.

1. The No. 66 Gray-Bonney Torque Wrench has ratchet mechanism that is reversible.

2. It has no dials or gauges to get out of order or damaged by careless handling.

3. Positive pre-setting of wrench eliminates all chances of error.

4. Three methods of telling when desired torque is reached:

- (a) Red ratchet lever snaps to centre.
- (b) A sharp "click" is heard.
- (c) Ratchet mechanism locks.

5. The No. 66 Gray-Bonney Torque Wrench is safe to use. The ratchet mechanism locks when the desired torque is reached—it does not allow the handle to swing free, thus preventing smashed fingers for the user.

6. Small head permits use in normally inaccessible places. Not necessary to watch a dial or gauge to tell when desired torque has been reached. No chance of error in reading dial or gauge.

7. Calibrated on a "dead weight" tester. Accuracy of the wrench is greater than consistent performance of bolts on which wrench is used.

8. All working parts carefully hardened, providing long life for wrench.

9. Fastest Torque Wrench on the market because of ratchet and absence of dials and gauges. (Wrench is set before starting job and work is done rapidly without slowing down to watch a dial.)

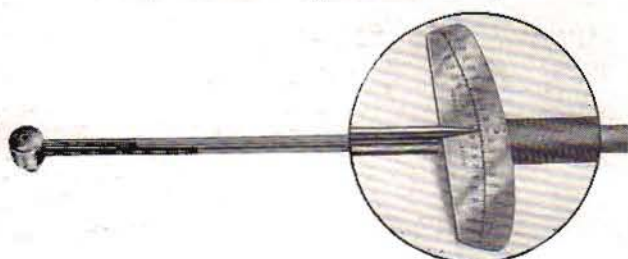
10. Wide range—25 to 125 foot pounds.

11. Has no coil springs.

You'll like the No. 66 Gray-Bonney Torque-Indicating Wrench. It's the simplest, strongest, sturdiest torque wrench on the market. Suitable for use with all 1/2" square drive sockets, attachments and box wrench attachments Nos. 2613, 2614, 2615 and 2616. The No. 66 Gray-Bonney Torque-Indicating Wrench has the factory approval of Chevrolet, Buick, Oldsmobile, Pontiac, Cadillac, Hudson, Packard, Graham-Paige, G.M.C. Trucks and Ford.

A chart showing Torque Wrench settings for all modern engines and full directions for use is supplied free with each wrench.

### No. 56 Torque Wrench



The No. 56 Gray-Bonney Torque-Indicating Wrench is sturdily constructed with heavy, ground, spring-steel shaft with pointer which remains rigid.

The scale is conveniently placed near the handle grip and is accurately calibrated in foot pounds of tension from 0 to 200. It is permanently adjusted light in weight and of rugged construction, with no moving parts to get out of order. The extremely small head of the No. 56 Gray-Bonney Torque-Indicating Wrench permits use of the wrench in places normally inaccessible with other torque wrenches. It is permanently equipped with 1/2" square adaptor and can be used with all 1/2" square drive sockets and attachments.

The No. 56 Gray-Bonney Torque-Indicating Wrench is fully chrome plated and highly polished. Handle grip is knurled. Weight only 3 lbs. Overall length 23 inches.

### No. 056 Torque Wrench for Spark Plugs



This new wrench is specially designed for use on spark plugs, and will be found invaluable for eliminating excessive pressure on the copper gasket. Plug manufacturers use a carefully designed gasket in order that heat from the plug may be dissipated into the block at a predetermined rate. If the plug is improperly installed the gasket cannot do its work, thus impairing the efficiency of the plug. Excessive tightening of plugs will also result in distortion of points, and either of these faults will cause "motor skip" and high gas and oil consumption.

The new Gray-Bonney Torque Wrench should be part of the equipment of every up-to-date garage and ignition station, as it is the only tool on the market which will positively ensure correct spark plug installation.

#### Correct Pressure for Spark Plugs in Foot Pounds

	10 mm.	14 mm.	18 mm.	7/8"x18
Cast Iron Head...	14	30	34	37
Aluminum Head..	12	28	32	35





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## Gray-Bonney Sockets and Wrenches

### BRITISH SIZE OPENINGS

Gray-Bonney now offers a complete line of engineers' wrenches, socket sets and box wrenches with B.S.F. and Whitworth sizes. The increasing use of aeroplanes, tanks, trucks, busses, and Diesel engines make tools of this type a necessity in practically every garage, machine shop and industrial plant. All wrenches are drop forged from the highest quality alloy steel, and the sockets and handles are of the same high quality which has made Gray-Bonney tools the choice of Canadian Mechanics.

This set has been specially designed to meet the requirements of mechanics responsible for the maintenance of aeroplanes, tanks, armored cars, field guns and trucks built to British specifications. The heavy duty box with padlock hasp and removable tray makes it an ideal set for inclusion in the equipment of mobile workshops. All wrenches and handles are forged from high quality alloys, and will give the maximum of service under the most exacting conditions.

#### WB48 Combination Set



#### 48 Pieces

- 19 Double Hexagon Sockets
- 14 Handles and Attachments
- 9 Box Wrenches
- 6 Engineers' Wrenches

Set No. WB48 contains the following sockets, handles and attachments:

#### 3/8" Square Drive

No.	Whitworth Bolt Size
MW1	4BA Double Hex. Socket
MW2	3BA " "
MW3	2BA " "
MW4	1 1/8" " "
MW5	1BA " "
MW6	0BA " "
MW7	3/16" " "
MW8	1/4" " "
MW9	5/16" " "
MW10	3/8" " "
T3	Universal Joint
T36	Sliding T Handle
T5	11" Extension
T4	6" " "
T31	3" " "
T9	Speed Handle
T30	10" Flex Handle
T32	Cross Bar
T35	Reversible Ratchet

#### 1/2" Square Drive

No.	Whitworth Bolt Size
W155	3/16" Double Hex. Opening
W156	1/4" " "
W157	5/16" " "
W158	3/8" " "

#### 1/2" Square Drive—continued

No.	Whitworth Bolt Size
W159	7/16" Double Hex. Opening
W160	1/2" " "
W161	9/16" " "
W162	5/8" " "
W163	11/16" " "
718	5" Extension
719A	10" Swivel Grip Extension
653	15" Flex Handle
655	Cross Bar
686	19" Speeder
1497	Reversible Ratchet

#### Engineers' Wrenches

Set of six wrenches as contained in WB6 Set on page 17.

#### Long Box Wrenches—Double Offset

Set of five wrenches as contained in WB192 Set on page 17.

#### Short Box Wrenches—Double Offset

Set of three wrenches as shown in WB190 Set on page 17.

No. WB 48 Set containing 48 pieces comes complete in steel chest as illustrated. Chest measures 21" x 7" x 6".

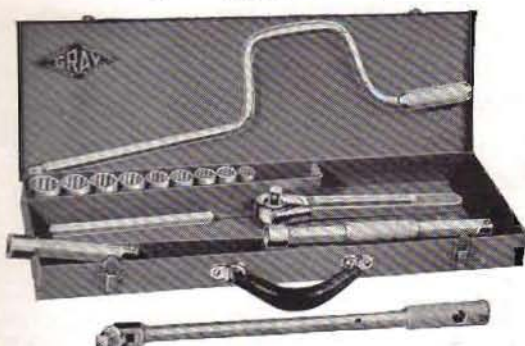


## Sockets and Sets

### British Sizes

#### WB15 Socket Set

1/2" Square Drive



The sockets and handles in this set are all 1/2" square drive. The sockets are of the straight thin wall type, and range in size from 29/64" to 1-15/64" nominal openings. All parts are forged from high grade alloy steel and are attractively nickel plated. The following sockets and handles are contained in the set:

No.	Whitworth Bolt Size
W155	3/16" Double Hex. Socket
W156	1/4" " "
W157	5/16" " "
W158	3/8" " "
W159	5/16" " "
W160	1/2" " "
W161	9/16" " "
W162	5/8" " "
W163	11/16" " "
718	5" Extension
719A	10" Swivel Grip Ext.
653	15" Spinner Handle
655	Cross Bar
686	19" Speeder
1497	Reversible Ratchet

WB15 Set in metal case

#### WB11 Spinner Set

1/2" Square Drive

This Spinner Set is made up of the sockets as contained in WB15 (shown above) with the 653 15" flex handle and 655 cross bar.

No.	Whitworth Bolt Size
W155	3/16" Double Hex. Socket
W156	1/4" " "
W157	5/16" " "
W158	3/8" " "
W159	5/16" " "
W160	1/2" " "
W161	9/16" " "
W162	5/8" " "
W163	11/16" " "
653	15" Spinner Handle
655	Cross Bar

WB11 Set in Steel Box

#### British Size Sockets

1/2" Square Drive

Gray-Bonney sockets, handles and attachments as used in British size sets are of the same high quality so characteristic of the entire line. The sockets are of the thin wall type and are made from high grade alloy steel. The handles and attachments are illustrated and described fully on page 6. All are for use with standard 1/2" drive sockets and are interchangeable with other makes.

#### Sockets With British and Whitworth Openings

1/2" Square Drive

Gray-Bonney sockets and wrenches for British sizes are manufactured with extreme care and precision, and are invaluable for work on stationary, automobile and aero engines.

No.	Nom. Open.	B.S.F.	B.S.W.
W152	13/32"		O.B.A.
W155	29/64"	1/4"	3/16"
W156	17/32"	5/16"	1/4"
W157	39/64"	3/8"	5/16"
W158	23/32"	7/16"	3/8"
W159	53/64"	1/2"	7/16"
W160	59/64"	9/16"	1/2"
W161	1-1/64"	5/8"	9/16"
W162	1-7/64"	11/16"	5/8"
W163	1-15/64"	3/4"	11/16"
W164	1-19/64"	7/8"	3/4"

#### Extra Deep Double Hex. Sockets

1/2" Square Drive 3-1/4" Long

No.	Nom. Open.	B.S.W.	B.S.F.
WL157	39/64"	5/16"	3/8"
WL158	23/32"	3/8"	7/16"
WL159	53/64"	7/16"	1/2"
WL160	59/64"	1/2"	9/16"
WL161	1-1/64"	9/16"	5/8"
WL162	1-3/32"	5/8"	11/16"

#### Heavy Duty Sockets

3/4" Square Drive

No.	Nom. Open	B.S.W.	B.S.F.
WH160	59/64"	1/2"	9/16"
WH161	1-1/64"	9/16"	5/8"
WH162	1-3/32"	5/8"	11/16"
WH164	1-19/64"	3/4"	7/8"





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## Sockets, Sets and Attachments British Sizes

### 1/4" Drive Socket

W154—1/4" Sq. Drive Socket Fits 2 BA

### 3/8" Drive Sockets and Handles

The newly developed line of Gray-Bonney sockets with 3/8" square drive for British sizes represents the ultimate in design, together with strength and durability. The sockets are forged from 3-1/2% high carbon nickel alloy steel which gives them the toughness so essential in small sockets. The handles and attachments have 3/8" square drive, and can be used with other sockets of the same size drive.

### 3/8" Drive British Sockets

No.	Nominal Opening	B.S.F.	Whitworth
MW 1	1/4"		4BA
MW 2	9/32"		3BA
MW 3	21/64"		2BA
MW 4	11/32"		1/8"
MW 5	23/64"		1BA
MW 6	13/32"		OBA
MW 7	29/64"	1/4"	3/16"
MW 8	17/32"	5/16"	1/4"
MW 9	39/64"	3/8"	5/16"
MW10	23/32"	7/16"	3/8"

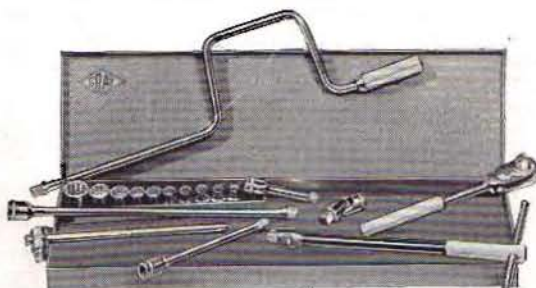
### Handles and Attachments 3/8" Square Drive

No.	Description
T3	Universal Joint
T36	Sliding T Handle
T5	11" Extension
T4	6" "
T31	3" "
T9	Speed Handle
T30	10" Flex Handle
T32	Cross Bar
T35	Reversible Ratchet

### Handles and Attachments 1/2" Square Drive

No.	Description
403	Connector for 603 Ratchet
603	Ratchet Handle and connector
652	Flexible Handle 12" Long
653	Flexible Handle 15" Long
653L	Flexible Handle 18" Long
655	Cross Bar for Flex Handle
685	Tee Handle revolving grip 12" long
686	Speeder with revolving grip 19" long
687	Speeder with rev. grip 14-1/2" long
699	Sliding Tee Handle 11" long
709	Universal Joint
718	Forged Extension 5" long
718S	Forged Extension 2" long
719	Forged Extension 10" long
719A	Forged Extension 10" long with revolving hand grip
720	Forged Extension 20" long
905	Offset Handle 11-1/2" long
1497	Reversible Ratchet

### WB19 Set—3/8" Drive



This new set will appeal very strongly to the mechanic who enjoys using correctly designed tools. The sockets are extra thin with straight walls, and all handles are extremely light and easy to handle. The reversible ratchet with this set is of the highest quality, and can be used with 1/4" drive sockets by the use of a 1/4" drive connector.

The following sockets and handles are included:

No.	Whitworth Bolt Size
MW 1	4 BA Double Hex. Socket
MW 2	3 BA " "
MW 3	2 BA " "
MW 4	1/8" " "
MW 5	1 BA " "
MW 6	0 BA " "
MW 7	3/16" " "
MW 8	1/4" " "
MW 9	5/16" " "
MW10	3/8" " "
T3	Universal Joint
T36	Sliding T Handle
T5	11" Extension
T4	6" " "
T31	3" " "
T9	Speed Handle
T30	10" Flex Handle
T32	Cross Bar
T35	Reversible Ratchet

WB19 Set in steel box as illustrated.

### WB12 Set—3/8" Drive



This handy little set contains all the sockets in the WB19 set, together with the T30 flex handle and T32 cross bar.

WB12 Set in steel box as illustrated.



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## Gray-Bonney Engineers' and Box Wrenches British Sizes

### Open End Wrenches

Gray - Bonney Chrome Vanadium Engineers' Wrenches are carefully designed and combine lightness with strength and durability. The thin correctly offset heads allow the user to work in places where ordinary wrenches would be useless. They are drop forged from the highest quality alloy steel, carefully heat treated and finished in attractive nickel plate with brightly polished heads.

No.	Nominal Open.	B.S.F.	B.S.W.	Length
W775	11/32 & 29/64	1/4	1/8 & 3/16	4-1/2
W781	21/64 & 29/64	1/4	2BA & 3/16	4-1/2
W774	29/64 & 17/32	5/16 & 1/4	1/4 & 3/16	5-1/2
W782	17/32 & 39/64	3/8 & 5/16	5/16 & 1/4	5-1/2
W776	39/64 & 23/32	7/16 & 3/8	3/8 & 5/16	6-1/2
W783	23/32 & 53/64	1/2 & 7/16	7/16 & 3/8	7-3/4
W784	53/64 & 59/64	9/16 & 1/2	1/2 & 7/16	8-1/2
W793	59/64 & 1-1/64	9/16 & 5/8	1/2 & 9/16	10-3/4
W794	1-3/32 & 1-19/64	11/16 & 7/8	5/8 & 3/4	12
W795	59/64 & 1-3/32	5/8 & 11/16	9/16 & 5/8	10-3/4
W796	1-19/64 & 1-31/64	7/8 & 1	3/4 & 7/8	13-1/2
W797	1-31/64 & 1-43/64	1 & 1-1/8	7/8 & 1	15-1/2

### WB6 Engineers' Wrench Set

For the mechanic who prefers a complete set, the new WB6 Set (illustrated below) will be ideal. This set includes one each of the wrenches, from W781 to W784 inclusive, shown in the above table and covers the most popular British sizes with a range of 1/4" to 1/2" B.S.F., and 3/16" to 7/16" B.S.W., bolt sizes. In Leatherette Roll as illustrated.



### British Size Tappet Wrenches

No.	B.S.W.	B.S.F.
W122	1/8" x 3/16"	1/4"
W124	5/16" x 3/8"	3/8" x 7/16"

### No. W4T Tappet Set

This set includes two No. W122 and two No. W124 complete in leatherette roll.

### Box Wrenches—Long Type



This new series of Gray-Bonney Box Wrenches with British size openings should be in every tool kit. The usefulness of this type of wrench has long been appreciated by mechanics, and their ability to reach hard-to-get-at places is unequalled. The offset heads (with different opening at each end) and the cleanly broached 12 point openings make them ideal for practically every job. These wrenches are drop forged from high grade alloy steel, and though light in weight, will stand up under the most exacting conditions. They are attractively plated with polished heads and panels.

No.	Nom. Open.	Whitworth	B.S.F.
W180B	21/64 x 13/32	2BA x 0BA	7/32
W180	11/32 x 29/64	1/8 x 3/16	1/4
W181	17/32 x 39/64	1/4 x 5/16	5/16 x 3/8
W182	39/64 x 23/32	5/16 x 3/8	3/8 x 7/16
W184	53/64 x 59/64	7/16 x 1/2	1/2 x 9/16
W185	1-1/64 x 1-7/64	9/16 x 5/8	5/8 x 11/16

### Box Wrench Sets—Long Type

The WB191 Set contains one each of the above wrenches, with a range of British sizes from 2BA to 5/8" Whitworth, and 7/32" to 11/16" B.S.F. The set comes complete in heavy fibre box.

WB192 Set contains five wrenches, 180 to 185 inclusive, with openings from 1/8" to 5/8" Whitworth and 1/4" to 11/16" B.S.F. Packed in fibre box.

### Short Type Box Wrenches

Both Ends Offset

Different Opening in Each End



These handy short type box wrenches are ideal for getting into confined spaces. The heads are correctly offset with 12 point openings and plated.

No.	Nominal Opening	Whitworth	B.S.F.
W176	11/32 x 29/64	1/8 x 3/16	1/4
W176A	21/64 x 29/64	2BA x 3/16	1/4
W177	17/32 x 39/64	1/4 x 5/16	5/16 x 3/8
W178	39/64 x 23/32	5/16 x 3/8	3/8 x 7/16

### WB190 Set

The WB190 Set is made up of one each of Nos. W176, W177 and W178, covering 1/8" to 3/8" Whitworth, and 1/4" to 7/16" B.S.F. Packed in cardboard box.





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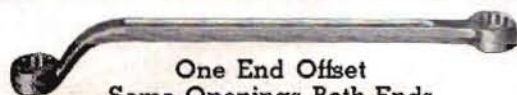
## Gray-Bonney Box Wrenches and Sets

Chrome Vanadium Steel

### Box Wrenches

Box Wrenches having one end straight and one end offset have long been favored by the mechanic "who likes the right tool for the job." For work on manifolds and for the hard-to-get-at nuts at the rear of motor blocks they are invaluable. Gray Box Wrenches are available in convenient sets, shown opposite.

### Chrome Vanadium — Long Type



One End Offset  
Same Openings Both Ends

No.	Double Hexagon Openings	Length
2316	1/2"	9"
2318	9/16"	9-1/2"
2320	5/8"	10"
2322	11/16"	11"
2324	3/4"	11-1/2"
2326	13/16"	12"
2328	7/8"	12-3/4"

### Chrome Vanadium — Short Type

Both Ends Offset  
Different Opening in Each End



The advantage of Short Box Wrenches for use in close places, and on generators and starters, is known to all mechanics. Gray Short Box Wrenches have different openings at each end, with sufficient offset to clear obstructions.

No.	Double Hexagon Openings	Length
2384	3/8" & 7/16"	5-1/8"
2386	1/2" & 9/16"	5-1/2"
2387	9/16" & 5/8"	5-3/4"
2388	5/8" & 3/4"	8-1/2"

### Short Type Box Wrenches



This new series of short box wrenches will appeal very strongly to the mechanic who enjoys using fine tools. They are drop forged from high grade alloy, and are brightly polished all over. The heads are thin and cleanly broached and will give the utmost in service under all conditions.

No.	Openings	Length
276	3/8" x 7/16"	4-1/2"
277	1/2" x 9/16"	5-1/4"
278	5/8" x 11/16"	6"

### No. 2311 Box Wrench Set



No. 2311 Set contains the complete range of 11 Chrome Vanadium Box Type Wrenches in a suitable steel box as follows:

- 7—Long Type, single offset, both openings same, Nos. 2316, 2318, 2320, 2322, 2324, 2326 and 2328.
- 4—Short Type, double offset, different openings each end, Nos. 2384, 2386, 2387 and 2388.

### Nos. 2305 & 2307 Box Wrench Sets

- 7—Long Type Wrenches, Nos. 2316, 2318, 2320, 2322, 2324, 2326 and 2328.

No. 2307 Set, in durable Leatherette Roll.

No. 2305 Set, contains the five most used wrenches, as follows: 2316, 2318, 2320, 2322 and 2324. Packed in cardboard box.

### Long Type Double Offset

Different Opening in Each End

This type of wrench, with different openings at each end, has been designed for heavy duty and industrial work. These wrenches are forged from Chrome Vanadium steel and carefully heat treated to give the power so necessary in a wrench of this kind.

No.	Double Hexagon Openings	Length
2811E	7/8" & 1-1/16"	14-1/2"
2811B	15/16" & 1-1/16"	14-1/2"
2811	1" & 1-1/8"	14-1/2"
2812B	1-1/16" & 1-1/4"	16-1/2"
2812C	1-1/8" & 1-1/4"	16-1/2"
2812	1-1/4" & 1-3/8"	17-1/2"
2812A	1-1/4" & 1-7/16"	20"
2813	1-7/16" & 1-5/8"	23"
2815	1-13/16" & 2"	24-1/4"
2819	2-3/16" & 2-3/8"	26"
2821	2-9/16" & 2-3/4"	28"



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## Gray-Bonney Box Wrenches and Sets

### Zenel Tu-Type Wrenches

This type of wrench is very popular where speed is required. The combination of end and box openings in the most popular sizes make this wrench a valuable addition to any tool kit. Drop forged from the famous "Zenel" Alloy Steel. Beautifully finished in nickel plate.

Wrench No.	Opening	U.S.S. Bolt Size	Hex. Hd. Cap Screw	S.A.E. Screw & Nut	Length
3114	7/16"	....	1/4"	1/4"	5"
3116	1/2"	1/4"	5/16"	5/16"	5-3/8"
3118	9/16"	....	3/8"	3/8"	5-7/8"
3120	5/8"	....	7/16"	7/16"	6-1/4"

### No. 19 Zenel Tu-Type Set



For the mechanic who desires a complete assortment of this type of wrench in a roll, the No. 19 Set is ideal. Contains one each of the wrenches listed above.

### Improved Flex Wrenches



An improved wrench combining all the features of a box wrench with the practical usefulness of a universal socket. The swivel sockets at each end are closely coupled to facilitate working in close quarters.

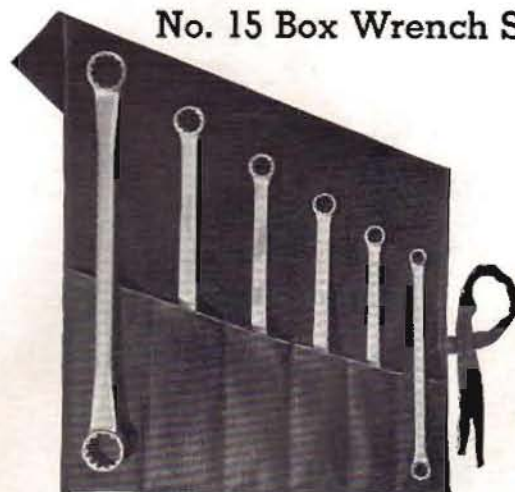
No.	Openings	Length
F1214	3/8" & 7/16"	6-1/4"
F1618	1/2" & 9/16"	7-1/2"
F1820	9/16" & 5/8"	8-1/2"
F2224	11/16" & 3/4"	9-3/4"
F2628	13/16" & 7/8"	10-3/4"

### 15 Deg. Angle Box Wrenches

The No. 2890 Series Box Wrenches are for work with low overhead clearance. Heads are at angles of from 10 degrees to 15 degrees, depending on the length of the wrench. All have double hexagon openings and are nickel-plated with polished heads. Chrome Vanadium Steel.

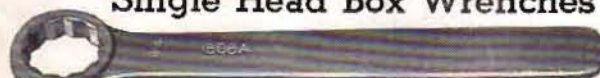
No.	Double Hexagon Openings	Length
2890	3/8" & 7/16"	7-5/8"
2891	1/2" & 9/16"	8-5/8"
2892	5/8" & 11/16"	9-5/8"
2893A	3/4" & 25/32"	11-1/2"
2893	3/4" & 13/16"	11"
2894A	13/16" & 7/8"	13"
2894	7/8" & 15/16"	12-3/8"
2895A	15/16" & 1"	14-1/2"
2895	1" & 1-1/16"	14-1/4"
2896A	1-1/16" & 1-1/8"	16-1/2"
2896	1-1/8" & 1-3/8"	16"
2897	1-1/4" & 1-7/16"	18"

### No. 15 Box Wrench Set



No. 15 Box Wrench Set consists of one each of the following wrenches: Nos. 2890, 2891, 2892, 2893A, 2894A and 2895A. In leatherette roll as illustrated.

### Single Head Box Wrenches



#### Double Hex. Openings

Forged of special alloy steel, carefully heat-treated to withstand hard usage. Chrome-plated with polished heads, having double hexagon openings.

No.	Opening	Length
1808	1-1/4"	10-3/4"
1808A	1-5/16"	10-3/4"
1809	1-7/16"	12"
1809A	1-1/2"	12"
1810	1-5/8"	13-1/2"
1810A	1-11/16"	13-1/2"
1811	1-13/16"	15"
1812	2"	16-1/2"
1813	2-3/16"	18"
1814	2-3/8"	20"





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# Gray-Bonney Chrome Vanadium Engineers' Wrenches

Drop Forged 15° Angle Opening

Nickel Plated with Polished Heads



Wrench No.	U.S.S. Bolt Size	Hex. Head Cap Screw	S.A.E. Standard Screws and Nuts	Openings Milled	Extreme Length	Thickness of Head
1020	& 1/8	& 1/8	& 1/8	1/4 & 5/16	3	5/32
1721	1/8 &	1/8 & 3/16	.....	5/16 & 3/8	5	7/32
1021	1/8 & 3/16	1/8 &	.....	5/16 & 13/32		
1722	1/8 &	1/8 & 1/4	& 1/4	5/16 & 7/16		
1723	.....	3/16 & 1/4	& 1/4	3/8 & 7/16		
1022	1/8 & 1/4	1/8 & 5/16	& 5/16	5/16 & 1/2	5	7/32
1023	3/16 & 1/4	& 5/16	& 5/16	13/32 & 1/2		
1723A	& 1/4	3/16 & 5/16	& 5/16	3/8 & 1/2		
1024	3/16 & 5/16	.....	.....	13/32 & 19/32	6-1/4	15/64
1725	& 1/4	1/4 & 5/16	1/4 & 5/16	7/16 & 1/2		
1725B	1/4 &	5/16 & 3/8	5/16 & 3/8	1/2 & 9/16		
1025	1/4 & 5/16	5/16 &	5/16 &	1/2 & 19/32		
1725A	.....	1/4 & 3/8	1/4 & 3/8	7/16 & 9/16	7	9/32
1726	1/4 &	5/16 & 7/16	5/16 & 7/16	1/2 & 5/8		
1026	1/4 & 3/8	5/16 &	5/16 &	1/2 & 11/16		
1727	.....	3/8 & 7/16	3/8 & 7/16	9/16 & 5/8		
1027	5/16 & 3/8	.....	.....	19/32 & 11/16		
1027C	& 3/8	3/8 &	3/8 &	9/16 & 11/16		
1027S	& 3/8	7/16 &	7/16 &	5/8 & 11/16		
1028S	& 7/16	7/16 &	7/16 &	5/8 & 25/32	8	5/16
1729	.....	7/16 & 1/2	7/16 & 1/2	5/8 & 3/4		
1029	3/8 & 7/16	.....	.....	11/16 & 25/32		
1028	5/16 & 7/16	.....	.....	19/32 & 25/32	8	5/16
1728	.....	3/8 & 1/2	3/8 & 1/2	9/16 & 3/4		
1730	.....	7/16 & 9/16	7/16 &	5/8 & 13/16		
1030	3/8 & 1/2	& 5/8	& 9/16	11/16 & 7/8		
1731	.....	1/2 & 9/16	1/2 &	3/4 & 13/16	9	3/8
1731A	& 1/2	1/2 & 5/8	1/2 & 9/16	3/4 & 7/8		
1033	1/2 & 9/16	5/8 &	9/16 &	7/8 & 31/32		
1031	7/16 & 1/2	& 5/8	& 9/16	25/32 & 7/8	9	3/8
1731B	& 1/2	9/16 & 5/8	& 9/16	13/16 & 7/8		
1732A	.....	1/2 & 3/4	1/2 & 11/16	3/4 & 1		
1032	7/16 & 9/16	.....	.....	25/32 & 31/32		
1732	.....	9/16 & 3/4	.....	13/16 & 1		
1033A	1/2 &	5/8 &	9/16 & 5/8	7/8 & 15/16	10-3/4	7/16
1033C	.....	& 3/4	5/8 & 11/16	15/16 & 1		
1034A	& 5/8	.....	5/8 & 3/4	15/16 & 1-1/16		
1035	9/16 & 5/8	.....	& 3/4	31/32 & 1-1/16		
1735	.....	3/4 & 7/8	11/16 &	1 & 1-1/8		
1733	1/2 &	5/8 & 3/4	9/16 & 11/16	7/8 & 1	10-3/4	7/16
1034	1/2 & 5/8	5/8 &	9/16 & 3/4	7/8 & 1-1/16		
1734	1/2 &	5/8 & 7/8	9/16 &	7/8 & 1-1/8		
1036	9/16 & 3/4	& 1	& 7/8	31/32 & 1-1/4	12	17/32
1736	& 3/4	3/4 & 1	11/16 & 7/8	1 & 1-1/4		
1037	5/8 & 3/4	& 1	3/4 & 7/8	1-1/16 & 1-1/4		
1737	& 3/4	7/8 & 1	& 7/8	1-1/8 & 1-1/4		
1038	5/8 & 7/8	.....	3/4 & 1	1-1/16 & 1-7/16		
1738	.....	7/8 & 1-1/8	.....	1-1/8 & 1-3/8	14	9/16
1739	3/4 &	1 & 1-1/8	7/8 &	1-1/4 & 1-3/8		
1039	3/4 & 7/8	1 &	7/8 & 1	1-1/4 & 1-7/16		
1739A	3/4 &	1 & 1-1/4	7/8 &	1-1/4 & 1-1/2		
1739B	.....	1-1/8 & 1-1/4	.....	1-3/8 & 1-1/2		
1040	3/4 & 1	1 & 1-3/8	7/8 & 1-1/8	1-1/4 & 1-5/8		
1041	7/8 & 1	& 1-3/8	1 & 1-1/8	1-7/16 & 1-5/8	15-1/2	13/16



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## Gray-Bonney Engineers' and Tappet Wrenches

### Double Openings — 15° Angle



Gray - Bonney Chrome Vanadium Engineers' Wrenches are correctly designed and are thin and light in weight. They can be used where ordinary wrenches, owing to their thickness and design, are useless. For the convenience of the mechanic who prefers his wrenches in sets, we have the No. 6E Set (illustrated below) and No. 12E Set described below. Both sets are packed in durable leatherette roll.



The No. 6E Engineers' Wrench Set includes six wrenches to cover all of the most popular sizes of nuts and bolts. The wrenches in this set contain no duplicate openings, and will fit U.S. Standard nuts from 1/4" to 1/2", S.A.E. nuts 1/4" to 11/16", and Hexagon Cap Screws 3/16" to 3/4".

These six wrenches are the following numbers:

1723	1027C	1731A
1025	1028S	1033C

No. 6ELR Set in leatherette roll as illustrated.

No. 6ECB Set in cardboard box.

No. 12E Set is ideal for the millwright, power plant and industrial engineer. It contains 12 wrenches covering S.A.E. sizes from 1/4" to 3/4", U.S.S. nuts from 1/8" to 5/8" and hexagon head cap screws from 1/8" to 3/4". The following wrenches are contained in the set:

1721	1725B	1731B	1029
1723	1727	1021	1033C
1725	1729	1025	1035

No. 12ELR Set in leatherette case.

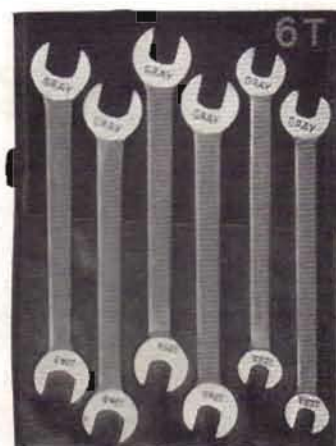
No. 12ECB Set in cardboard box.

### No. 2598 Tappet Wrench For Chrysler

Designed especially for making tappet adjustments on late model Chrysler cars. Has 3/8" opening with head at 22-1/2° angle. The long, thin handle fits comfortably in the hand. Made of "CV" Chrome-Vanadium Steel, chrome plated. Head is highly polished. Overall length 12 inches.

### Tappet Sets Nos. 6T and 4T

Gray-Bonney Tappet Wrenches are drop forged from Chrome Vanadium steel. Their long, thin design particularly adapts them for tappet adjusting. When used on this work they are guaranteed against breakage. Nickel-plated finish with polished heads.



Gray-Bonney Tappet Wrench Sets are arranged to give the mechanic a selection of the most used wrenches in a compact leatherette roll.

No. 6T Set consists of 6 Chrome Vanadium Tappet Wrenches, 2 each Nos. 122A, 124A and 124B, covering openings 7/16" x 1/2", 9/16" x 5/8", 11/16" x 3/4". In leatherette roll as illustrated.

No. 4T Set consists of 4 Wrenches, 2 each Nos. 122 and 124, covering sizes 1/2", 9/16", 5/8" and 11/16". In leatherette roll.

### Standard Tappet Wrenches

No.	Size Openings	Length	Thickness Heads
122A	7/16" & 1/2"	8"	5/32"
122B	17/32" & 21/32"	8"	5/32"
122	1/2" & 9/16"	8"	5/32"
124A	9/16" & 5/8"	8-1/2"	3/16"
124	5/8" & 11/16"	8-1/2"	3/16"
124B	11/16" & 3/4"	8-1/2"	3/16"
426	3/4" & 7/8"	9"	7/32"
428	15/16" & 1"	9-1/2"	7/32"

### Extra Long Tappet Wrenches



No.	Size Openings	Length	Thickness Heads
L401A	7/16"	15"	3/16"
L402	1/2"	15"	3/16"
L403	9/16"	15"	3/16"
L404	5/8"	15"	3/16"



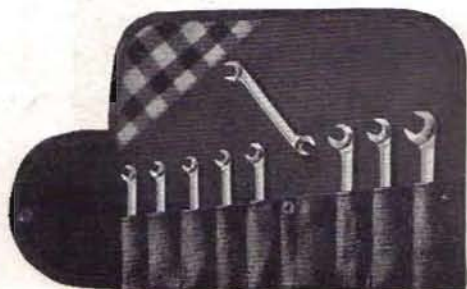


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## Electrical and Ignition Wrenches and Sets

### No. 16 Electrical Set

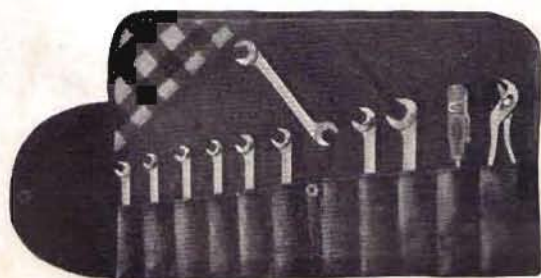
Gray-Bonney Electrical Wrenches are correctly designed, and have the heads offset at angles of 15 and 60 degrees. Each size is available in either angle head. They are forged from Zenel alloy steel, giving extreme lightness with the necessary strength.



Gray-Bonney Electrical and Ignition Wrenches are available in handy leatherette rolls. The No. 16 Set, shown above, contains nine wrenches ranging from 13/64" to 1/2". The set is designed so that each opening is duplicated, one having 15° angle and the other a 60° angle. In leatherette case.

No.	Openings		Length	Thick-ness
	15° End	60° End		
E14	13/64"	15/64"	3"	7/64"
E16	15/64"	13/64"	3"	7/64"
E18	7/32"	1/4"	3"	7/64"
E20	1/4"	7/32"	3"	7/64"
E22	9/32"	5/16"	3-1/2"	1/8"
E24	5/16"	9/32"	3-1/2"	1/8"
E26	11/32"	3/8"	4"	9/64"
E28	3/8"	11/32"	4"	9/64"
E30	7/16"	1/2"	4-1/2"	5/32"

### No. 17 Electrical Set



No. 17 Set contains the same wrenches as No. 16, with the addition of No. 517 pliers and No. 001 screw driver. In leatherette roll.

### No. 20 Zenel Miniature Wrench Set

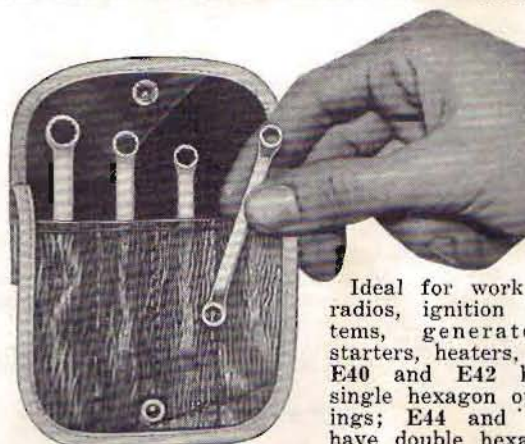


Delicate jobs on magnetos, generators, radios, timers, oil cleaners, carburetors, electrical parts and similar jobs are quickly done with Gray-Bonney Miniature Wrenches. The No. 20 Set contains one each of Nos. H10, H12, H14, H16 and H18 listed below. They are made of ZENEL, have panelled handles and are chrome plated. In leatherette roll.

### Zenel Miniature Wrenches

No.	Openings Milled	Length	Thick. Heads
H10	3/16" & 7/32"	2-1/2"	3/32"
H12	1/4" & 9/32"	3"	5/32"
H14	5/16" & 11/32"	3-3/4"	3/16"
H16	3/8" & 7/16"	4-1/8"	7/32"
H18	13/32" & 15/32"	4-1/8"	7/32"

### No. 21 Extra Small Box Wrench Set



Ideal for work on radios, ignition systems, generators, starters, heaters, etc. E40 and E42 have single hexagon openings; E44 and E46 have double hexagon openings.

No. 21LR Set, 1 each of above 4 Wrenches in a leatherette roll.

### Extra Small Box Wrenches

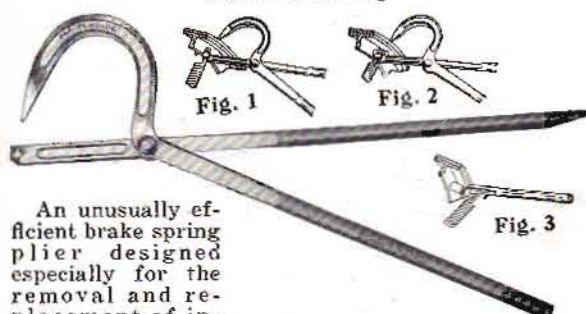
No.	Openings	Length
E40	3/16" & 13/64"	2-7/8"
E42	7/32" & 15/64"	3-1/8"
E44	1/4" & 9/32"	3-3/8"
E46	5/16" & 11/32"	3-3/4"



## Gray-Bonney Brake Wrenches

### No. 2680 Brake Spring Plier

Patent Pending



An unusually efficient brake spring plier designed especially for the removal and replacement of internal brake springs on all types and sizes of cars and trucks.

The hooked end of the plier grasps the brake spring firmly, while the "goose neck" pointed side of the plier makes firm contact with the brake lining on the shoe and prevents any possibility of slipping.

The plier can be used equally well in the removal of springs held in place by the hole in the brake shoe (Fig. 1), or by a stud attached to the brake shoe (Fig. 2).

In replacing brake springs on brakes that have the stud fastened to the brake shoe, the notched handle of the plier will be found exceptionally useful (Fig. 3).

The No. 2680 Brake Spring Plier is drop forged of alloy steel, carefully heat-treated, with full nickel plated finish. It is light in weight, weighing only 11 ozs. The 12-1/2" length of this plier permits leverage to handle the strongest springs with ease.

### No. 2357 Ford Brake Wrench



Drop forged from Chrome Vanadium steel, with special offset, having sufficient clearance for all obstructions. 1/2" and 7/16" openings. 10-1/2" long.

### No. 1925 Brake Wrench



A special wrench for Bendix Brake Eccentrics. Milled openings 3/16" and 1/4". 8" long. Drop forged from Chrome Vanadium steel.

### Nos. 2566 and 2566A Brake Tools



No. 2566 for Bendix Brakes on cars such as Hudson and Essex. No. 2566A (one end straight) for most other cars.

### No. 2599 Hydraulic Brake Wrench



This new wrench is designed for use on Bendix and other hydraulic brakes. The curved blade is for "star wheel" adjustments, and the open end is for eccentric nuts on two shoe brakes. Has 3/16" opening at one end, and the curved blade is 3/16" wide.

### No. 0672 Offset Screwdriver Set

The Offset Screw Drivers illustrated are well adapted for work in the "hard-to-get-at" places and are well suited for ignition, carburetor, generator and starter work. Forged from selected alloy steel, correctly hardened and tempered to withstand strain. Can be purchased singly or in complete sets of four in canvas roll, as illustrated.



No. 0672 Set in Roll.

No.	Size Stock	Length
0668	5/32"	3"
0669	1/4"	4"
0670	5/16"	5"
0671	3/8"	6"

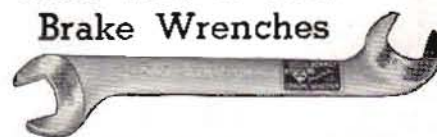
No. 2582 is a heavier offset screw driver and is used for adjusting anchor pins on Pontiac. Length 9", blades 1/2" wide and 9/64" thick.

### No. 2589 Offset Screwdriver



Very useful in making certain brake and steering gear adjustments. Blade 5/64" thick, 1/4" wide. Overall length 7".

### Nos. 2526 to 2538 Brake Wrenches



No.	Openings	
	22-1/2° End	60° End
2537	1/2"	9/16"
2538	9/16"	1/2"
2526	5/8"	5/8"
2526A	9/16"	9/16"
2526B	11/16"	11/16"

All are 6-1/4" long, heads 7/32" thick.

### Additional Gray-Bonney Brake Tools

2534 For Chrysler brakes. Single 5/8" opening. Length, 3-1/2".

2535 For Dodge brakes. Single 7/8" opening. Length, 7".

516 Steeldraulic Plier.

B21 Lock Ring Plier.

529 Spring Cup Remover for hydraulic brakes.





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## Gray-Bonney Special Wrenches

**No. 2319**

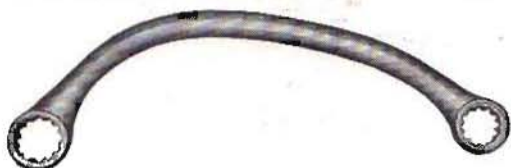
**Starter and Manifold Wrench**



Starter and manifold work on Chevrolet and other cars is simplified by this wrench. The openings are 9/16" and 5/8" double hexagon. Length 7-3/4".

**No. 2884**

**Starter and Manifold Wrench**



Especially designed to fit starter and manifold nuts on new cars. Openings are 9/16" and 3/4". Length, 7-1/2".

**No. 2883**

**Manifold Wrench for Chrysler**



A special wrench of Chrome Vanadium steel designed especially for use on the manifold nuts of late model Chrysler cars. Has 9/16" and 5/8" double hexagon openings. Overall length, 9". Has chrome plated finish, with heads buffed to a high, permanent lustre.

**No. 2597 Cylinder Head Wrench**



Designed especially for cylinder head stud nuts on 1937 model Chevrolet. Has 3/4" double hexagon opening in each end. Made of Chrome Vanadium steel. Chrome plated. Overall length, 16-5/8".

**No. 2381 Battery and Starter Nut Wrench**



Chrome Vanadium steel. Correct design for work on battery nuts. Double hexagon openings, 9/16" and 5/8".

## Main Bearing Wrenches



**No. 2840**—For Chevrolet 1929 to 1933, inclusive. Has 5/8" and 3/4" double hexagon openings.

**No. 2592**—For Chevrolet late 1934 and 1935; also Pontiac 8 1933 to 1935; Chrysler 6 and 8; Dodge 6 and 8; Plymouth 1930-1935. Has 11/16" and 3/4" double hexagon openings.

**No. 2840B**—This wrench is of the open box type long a favorite with Chevrolet mechanics. It has 5/8" and 3/4" openings. Forged from Chrome Vanadium steel with thin walls.

**No. 838 Tappet Adjusting Tool**



Combination of screw driver and twelve point sockets for convenience in adjusting valves on overhead valve motors — while motor is running. Socket detachable — uses 3/8" square drive sockets. Plated finish.

**No. 838**—Tappet Adjusting Tool.

**No. B218**—Tappet Socket for late Buicks.

**No. C220**—Tappet Socket for late Chevrolets.

**No. 509**

**Chevrolet Pan Screwdriver**



This attachment for use with any 3/8" handle or speeder is an ideal tool for holding and lining up pan screws on Chevrolet.



## Gray-Bonney Special Wrenches for Fords

### Ford Brake Wrenches



No. 2357D—This wrench is invaluable when making adjustments on all model V8 Brakes. Has 7/16" and 1/2" double square openings, and is drop forged from alloy steel. This wrench is of new design and has ample offset to clear all obstructions.

No. 2357—This wrench is the same as above, but has 7/16" and 1/2" single square openings.

### No. 2587 Main Bearing Wrench



For use on Models A, AA, B, BB and V8. Has 9/16" double square and 3/4" double hexagon openings. Length overall, 16". Made of Chrome Vanadium steel and plated.

### No. 2577 Carburetor Wrench



Specially designed for removing, replacing and adjusting main jets and fuel pump valves on Model V8. Both ends equipped with pins to do these jobs.

### No. 2626 Drain Plug Wrench



This new wrench is indispensable on 1939 V8 and Mercury drain plugs. It has a 2-1/64" opening and is drop forged from alloy steel.

### No. T50 Carburetor Wrench



Specially designed for jets in Model "A" Ford carburetor. Length, 5". Openings, 9/32" and 5/16".

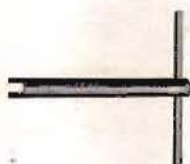
### No. 499 Connecting Rod Socket

For V-8 Engines



Special socket for adjusting connecting rod bearing cap nuts. It has a 9/16" double hexagon opening and a 1/2" square drive. The nose of the socket is very thin to make this adjustment easy. Made from 3-1/2" nickel steel.

### No. 2586 Carburetor Wrench



No. 2586 is a special tool for adjusting Ford V8 Carburetor Jets. It is an accurate tool to make precision adjustments. Made of Chrome Vanadium steel. Not guaranteed.

### FT57 V-8 Universal Valve Lifter

To Fit All Models



A new design of Ford Valve Lifter especially designed to fit all models. The double end feature is a definite improvement over the old type and eliminates the necessity of buying two tools. Drop forged from alloy steel and 27" long. Not guaranteed against breakage.

### No. 1927 V-8 Main Bearing Bolt Wrench



This Twin Socket U Wrench, with two thin wall 9/16" Single Square Sockets, fits snugly on both bolt heads. The bolts are held in correct position for inserting the cotter pin. The handle has sufficient tension to hold the wrench in position when the cylinder block is inverted for main bearing operations. Made of high carbon 3-1/2% nickel alloy steel.

### Other Special Ford Wrenches

No. 1733S—1/2" Speeder for oil pan bolts.  
No. 1333—1/2" Tee Handle for oil pan bolts.  
No. 2593—Gas Tank Tube Wrench.





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## Miscellaneous Special Tools

### Gray-Bonney Special Tools for Fords

#### No. 450 Ford Spring Spreader



This ingenious tool will lick one of the toughest jobs the Ford mechanic is called upon to do. The saving of time in replacing broken spring leaves, rear end jobs, and when working on axles, springs and shackles will repay the cost of this tool in a very short time. It will bring the spring eyes to exactly the right place for the pins, and it can be operated by a single man. The 12-point ratchet handle is used to extend the length, and holds the tool in position during assembly. The illustration above shows how the spring spreader is made up of three parts, making it adaptable to any Ford spring. The lower illustration shows the spreader in use on model A, when it is necessary to use only one section by using the tool against the top screw of the differential housing.



#### V-8 Valve Micrometer Gauge



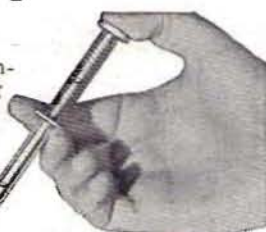
This tool will be found invaluable to the Ford mechanic when fitting valves. The time wasted in using feeler gauges and trying the valve in the motor is completely eliminated, and the job can be done in half the time usually taken, and with accuracy that cannot be equalled.

No. LO130 Complete Set for 60 Horse Power V-8 Fords.

No. LO131 Complete Set for all Model A, B and V-8 Fords (except 60 H.P.), and all Mercury and Lincoln Zephyrs.

### Holding Tools

For starting screws, inserting and removing small washers, pins and similar objects, this tool is invaluable. The four spring steel fingers are forced open by pressure on the plunger. When



pressure is released, jaws grip object firmly. This tool is finished in attractive nickel plate, and will be a useful addition to any tool kit. For starting pan screws on Chevrolet, the No. K8 is unequalled.

No.	Reach	Length
K4	4"	6-3/4"
K6	6"	8-3/4"
K8	8"	10-3/4"

### Tension Wrench Attachments



Gray-Bonney Tension Wrench Attachments are specially designed for tightening head studs on G.M. engines. They have double hexagon box openings with 1/2" drive to fit Nos. 66 and 56 Gray-Bonney wrenches and all other torque wrenches having 1/2" drive.

No.	Double Hex Opening
2613	3/4" close sweep
2614	3/4" wide sweep
2615	5/8" close sweep
2616	5/8" wide sweep

### Shop Knife



For cutting shims, gaskets, packing, top and upholstery material, this Knife is unsurpassed. Six razor edge blades fit inside the handle, and a new one can be inserted in an instant.

No. 199 Die Cast Aluminum Handle, Complete With Blades.

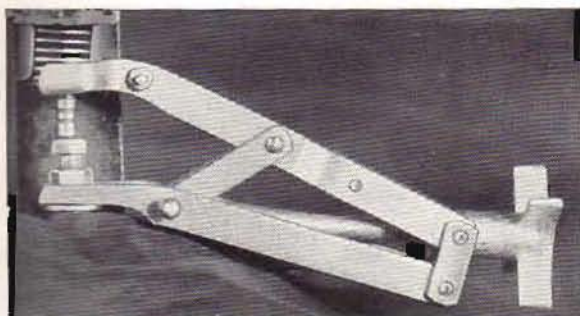
No. 199C Cast Iron Handle, Red Enamel, Complete With Blades.

Extra Blades are available for these Knives in packages of five.



## Valve and Piston Tools

### CF1 Stubby Type Valve Lifter



Gray-Bonney Stubby Type Valve Lifter is ideal for engines with low manifolds. Jaws have 2" lift with five locking positions.

### Improved Ring Compressor

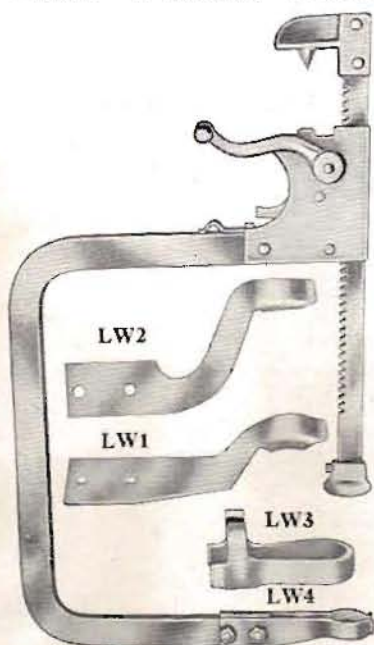


This new and improved ring compressor is a definite improvement over anything previously offered. The self locking pawl will hold the compression band at any point, and in addition a double tension band is provided. This band of high grade spring steel will reduce breakage to a minimum, and will eliminate flare out at the bottom of the compressor. The handle is made of 1/4" stock and can easily be replaced if lost. The beaded edge will prevent the compressor from entering the cylinder. This new tool is made in two sizes with ranges from 2-1/8" to 5", and 3-1/2" to 7".

No. RC2 for cars 2-1/8" to 5".

No. RC3 for trucks and Diesel engines with range of 3-1/2" to 7".

### CF3 Little Wonder Valve Lifter



This popular type of valve lifter is a necessity in every garage. It is large enough to clear the manifold, thereby saving valuable time. The improved rack and pinion mechanism will lock securely at any desired point, and the thin jaws will fit into any coil so that the spring can be compressed and the pin removed. The re-compression device makes it easy to compress springs before replacement. This lifter will work equally well on cars as well as trucks, and comes complete with three different sized compression jaws LW3 (for replacing spring in motor) and one pair of straight standard jaws, LW4 as illustrated.

#### Extra Parts

- No. LW1—Offset G.M.C. and Continental Jaws (pair).
- No. LW2—Special Plymouth and Dodge Jaws (pair).
- No. LW3—Extra Spring Clips (set of three).
- No. LW4—Straight Standard Jaws (pair).

### RC1 Gray-Bonney Universal Ring Compressor



This ring compressor is of the type most popular with mechanics. It will handle all types of rings from 2-1/2" to 5" in diameter. The front edge is beaded to prevent segmented rings from slipping, and to prevent the compressor from entering between the piston and cylinder wall. This tool is made from the finest spring steel, and is guaranteed to give efficient service.

### No. 839 Carbon Scraper



Made from spring steel wire to assure long life and flexibility. Permits scraping uneven contours on cylinder heads and blocks.





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## Miscellaneous Special Tools

### Dreadnaught Wrenches



Gray-Bonney "Dreadnaught" Adjustable Wrenches are drop forged from high quality carbon steel carefully heat treated, and the heads highly polished.

Size	Max. Opening
4"	1/2"
6"	3/4"
8"	15/16"
10"	1-1/8"
12"	1-5/16"

### No. CF2 Split Lock Replacer



Gray-Bonney Split Lock Replacer is the best tool ever offered for replacing valve locks. It eliminates all the difficulties encountered with other types and will save a good deal of valuable time.

### No. CF4 Valve Key Replacer



A perfect tool for replacement of horseshoe type locks on valve stems. To load: open plier, draw back the sliding bars, and insert the split locks. Release valve lifter tension, and the valve spring drops the keeper tool, leaving the locks in their proper position.

### "LonGriP" Screw Extractors



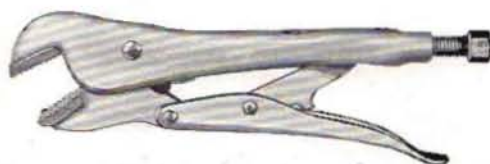
Ridgid "LonGriP" Extractors are positive in operation and easy to use. Simply drill the screw to be removed with the correct size drill (as shown below), use the corresponding extractor, and turn.

Set No. R3—Extractors Nos. 3, 4 and 5.

Set No. R5—Extractors Nos. 1, 2, 3, 4 and 5.

No.	Fits Screw	Use Drill	O.D.	Length	Depth
1	1/4"	1/8"	.139	2-5/16"	1"
2	5/16"	3/16"	.205	2-3/4"	1"
3	3/8"	1/4"	.272	3-1/16"	1"
4	7/16"	5/16"	.338	3-5/16"	1"
5	1-2-9/16"	11/32"	.374	3-3/4"	1"

### Vise-Grip Wrench



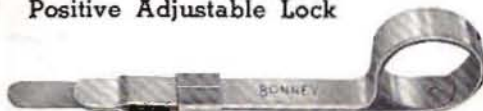
This plier is undoubtedly one of the most useful tools ever offered to the mechanic. More than a ton of pressure can be exerted by the use of one hand, and the double lever action allows the plier to be locked on the work with a grip that simply will not slip. This tool will be found invaluable in every garage and machine shop, and will do many jobs which usually take up a lot of valuable time. This plier is carefully designed and forged from alloy steel, and will stand up under the most severe use. Available in two sizes.

No. VG7, 7" long.

No. VG10, 10" long.

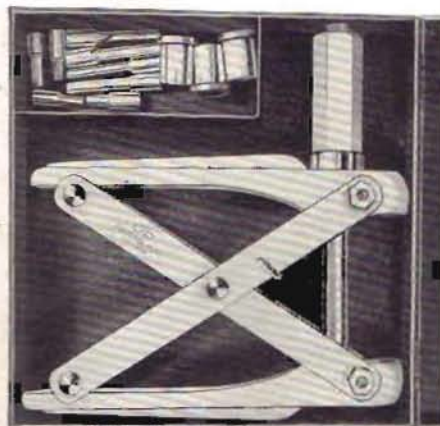
### No. K56 Single End Feeler Gauge Stock Holder

#### Positive Adjustable Lock



Any thickness of feeler gauge stock coils within the handle and can readily be pulled out for use. Any desired length of strip stock or standard 12" blades may be used. Positive sliding lock securely holds blades. Made from hard drawn, cold rolled steel and satin nickel plated. Length, 4-1/2". Weight, 1 oz.

### No. 965 Hinge Pin Puller



This new and improved hinge pin puller will remove pins from practically every make of car. Designed to operate close to fenders and body projections it has sufficient strength to break loose the most stubborn pin. It comes complete with pins to fit standard hinges, and bushings to accommodate the various sizes of pin heads. Comes complete in metal case.



## Tinners' Snips, Hack Saws, etc.

### Gray-Bonney Tinners' Snips

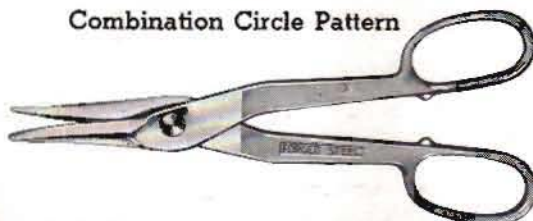
These snips are of excellent quality. They are made from a one-piece drop forging, precision ground and hand polished. The cutting edges are keen and will give long and satisfactory service.

**Straight Pattern**



No.	Length	Cut
507	7"	2"
510	10"	2-3/4"
512	12"	3-1/4"

**Combination Circle Pattern**



No.	Length	Cut
707	7"	1-7/8"
710	10"	2-3/4"
712	12"	3-1/8"

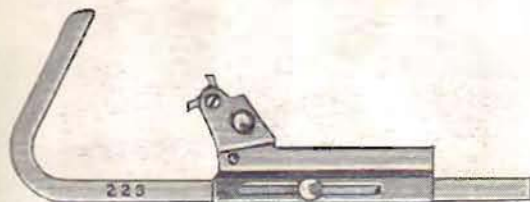
### Adjustable Hack Saw Frame

No. 2628



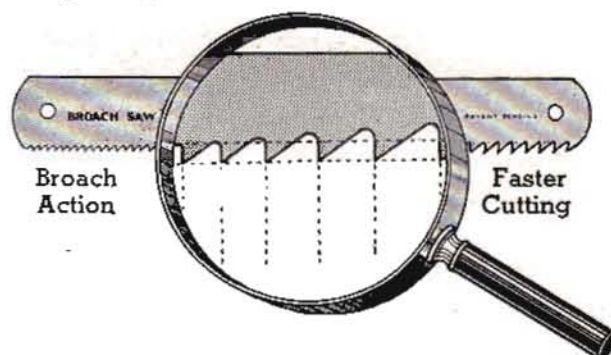
A sturdily built hack saw frame with comfortable pistol grip handle. Adjustable from 8" to 12". Full nickel finish.

### No. 223 Ring Groove Cleaner



A handy and practical tool which should be in every garage. The cutter can be instantly adjusted to the desired size of 3/32", 1/8", 5/32" or 3/16", and will handle pistons from the smallest to 6" O.D. Where a groove has to be deepened for the installation of inner rings this tool is ideal.

### High Speed Steel Broach Saws



The Broach Type Saw (graduated teeth) cuts on the same principle as a broach. The cut is started on the fine teeth and is completed on the coarse. This radical improvement results in cleaner, faster cutting with less effort. Careful heat treating gives an extremely flexible blade, thus ensuring long life and protection against breakage.

No.	Width	Length	Gauge	Teeth per inch
B 818	1/2"	8"	.025	18/14
B1018	9/16"	10"	.025	18/14
B1218	9/16"	12"	.025	18/14
B 825	1/2"	8"	.025	25/19
B1025	9/16"	10"	.025	25/19
B1225	9/16"	12"	.025	25/19

### High Speed Steel Hack Saws

These HIGH SPEED blades are made from the finest steel obtainable, and will give the utmost in service under the most exacting conditions. Due to careful heat-treating they are extremely flexible, thus ensuring long life and protection against breakage.

No.	Width	Length	Gauge	Teeth per inch
HS1018	9/16"	10"	.025	18
HS1024	9/16"	10"	.025	24
HS1032	9/16"	10"	.025	32
HS1214	9/16"	12"	.025	14
HS1218	9/16"	12"	.025	18
HS1224	9/16"	12"	.025	24
HS1232	9/16"	12"	.025	32

### Tungsten Alloy Steel

An excellent alloy steel blade that will give good service under all conditions.

No.	Width	Length	Gauge	Teeth per inch
TA 818	7/16"	8"	.025	18
TA 824	7/16"	8"	.025	24
TA 832	7/16"	8"	.025	32
TA1014	1/2"	10"	.025	14
TA1018	1/2"	10"	.025	18
TA1024	1/2"	10"	.025	24
TA1032	1/2"	10"	.025	32
TA1214	1/2"	12"	.025	14
TA1218	1/2"	12"	.025	18
TA1224	1/2"	12"	.025	24
TA1232	1/2"	12"	.025	32





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## Gray-Bonney Automotive Pliers

### No. 522 Angle Nose Battery Plier



The handiest plier ever designed for battery work. Angle Nose Type. 7-1/2" long.

### No. 523 Angle Gripping Plier



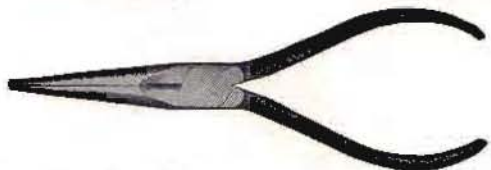
An extremely powerful tool with the handiness of a plier and the grip of a stillson. Has full-fashioned, knurled handles, with the head set at 45° angle. Jaw will take up to 3/4". 7" long.

### No. 258 Waterpump Plier



New and improved design, having six adjustments. Jaws open to 1-7/8", length 9-1/2".

### No. 654 Long Nose Side-Cutting



Specially adapted for fine work. Spring tempered nose and keen cutting edges. 6" long. Not guaranteed.

### No. 517 Midget Ignition Plier



The design of this plier enables it to get into tight places. Spring tempered. Fits all ignition units.

Note.—While this plier is made of alloy steel, its very delicate construction is such that, if broken, it must be returned to the factory or your jobber for repairs, at a net cost of 45c.

### No. 39 Diagonal Cutting Pliers



This plier is a high quality, diagonal cutter, with hand-honed cutting edges. Drop forged from alloy steel and finished in satin nickel, with polished head. Length overall, 7".

### No. B18 Diagonal Cutting Pliers



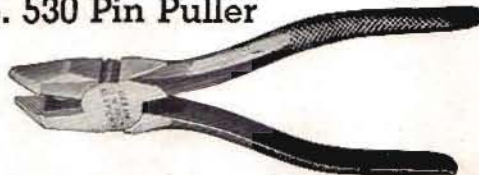
A new Heavy Duty Diagonal Cutter. Cutting edges carefully ground and made to withstand hard service. Polished heads and blued handles. Length overall, 7".

### No. B17 Diagonal Cutting Pliers



Length 6"—Drop forged from special analysis steel. The cutting edges are built to give long, hard service. Full polished finish with knurled handles.

### No. 530 Pin Puller



Designed to give quick, easy Cotter Key pulling for both the Automotive Mechanic and Machinist. In addition to the Cotter Key pulling feature, it can be used as a regular side-cutting plier.

### Lineman's Cutting Pliers



Made from alloy steel, light in weight and of great strength. The handles fit the hand perfectly and are knurled. The cutting qualities are unsurpassed. Full polished finish.

No.	Description
B22	Linemen's Plier 6"
B23	Linemen's Plier 8"

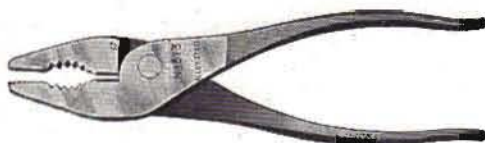


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## Gray-Bonney Automotive Pliers

### 513 Combination Side Cutting



This slip-joint plier is drop forged from alloy steel. The cutting edges are carefully ground. Finished in attractive nickel plate. 7" long.

### B21 Lock Ring Plier



Designed especially to spread the snap lock-rings and horseshoe type of brake key in order to remove them from brakes, transmissions, differentials, pedal, clutch and fan pulley shafts when removing them from the assembly. Drop forged of chrome alloy steel, chrome plated with high permanent lustre. Outside of jaws are toothed to prevent any possibility of slipping. Plier will spread any lock-ring washer up to 1-1/4" in diameter. Length, 8".

### Combination Side-Cutting Pliers



B15 Combination Plier (Side Cutting) 6".

### Combination Pliers



This series of combination pliers satisfies the demand for a line of pliers for general all-purpose work. They are accurately made of special steel to give them unusually long life. They are full finished and the handles are knurled. Great care was taken in the design to give them the perfect balance that promotes speedy work.

No.	Description
B5	Combination Plier 5"
B6	Combination Plier 6"
B8	Combination Plier 8"
B10	Combination Plier 10"

### Thin Nose Combination Pliers



This type of plier is the thin nose design, which has many different uses. It is especially valuable for work in cramped spaces. Made of highest grade alloy steel. Completely polished and plated, with knurled handle.

No.	Description
B11	Combination Plier (Thin Nose) 5"
B12	Combination Plier (Thin Nose) 6"

### No. 529 Spring Cup Lock Remover



With this plier the spring lock on hydraulic brakes can be removed in an instant. This tool positively prevents injury from flying springs and loss of parts. A simple tool for a difficult job.

### No. 516 Steel-Draulic Brake Plier



Correct in design, hardened and tempered in oil. Milled teeth that grip and firmly hold the adjusting nut. An essential tool for adjusting brakes on all cars equipped with steel-draulic brakes. 6" long.

### BE3 Headlight Bulb Plier



For removing broken headlight bulbs. Stamped from special steel, with jaws shaped to fit around base of bulb. Plated finish. Length, 7".





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## Gray-Bonney Punches and Chisels

Chisels, Punches and similar hand tools are naturally subjected to very severe service. Gray-Bonney has spared no effort to meet these conditions and to offer the best in these types of tools. All are made of special alloy steel and are carefully forged and heat treated. Mechanics find that the bits are hard and tough enough to work on any untempered material, but still sufficiently soft to be resharpened with a file. They have comparatively soft heads, which reduce chipping and allow them to be readily redressed when battered.



### PIN PUNCHES

No.	Size Stock	Point Diameter	Length
C28	3/8"	1/8"	5"
C29	1/2"	3/16"	5-5/8"
C30	5/8"	1/4"	6-3/8"



### LONG TAPER PUNCHES

No.	Size Stock	Point Diameter	Length
C25	3/8"	5/32"	8"
C26	1/2"	3/16"	9"



### SOLID PUNCHES

No.	Size Stock	Point Diameter	Length
C21	3/8"	1/16"	5-1/2"
C22	1/2"	3/32"	6-1/4"
C23	5/8"	1/8"	7"



### PRICK PUNCH

No.	Size Stock	Length
C32	3/8"	5"



### CENTRE PUNCH

No.	Size Stock	Length
C34	3/8"	5"



### PRY OR PINCH BAR

No.	Size Stock	Length
C38	5/8"	16"



### FLAT CHISELS

No.	Size Stock	Width of Cut	Length
C2	3/8"	1/2"	5-1/2"
C3	1/2"	5/8"	6"
C4	5/8"	3/4"	6-1/2"
C5	3/4"	7/8"	7-1/2"
C6	7/8"	1"	8"
C7	1"	1-1/4"	8-1/2"



### LONG FLAT CHISEL

No.	Size Stock	Width of Cut	Length
C10	3/4"	7/8"	14"



### CAPE CHISELS

No.	Size Stock	Width of Cut	Length
C12	1/2"	1/4"	6"
C13	5/8"	3/8"	7"



### DIAMOND POINT CHISELS

No.	Size Stock	Width of Cut	Length
C15	1/2"	1/4"	6"
C16	5/8"	3/8"	7"



### ROUND NOSE CHISELS

No.	Size Stock	Point Diameter	Length
C18	1/2"	1/4"	6"
C19	5/8"	3/8"	7"



### RIVET BUSTER

No.	Size Stock	Width of Cut	Length
C36	3/4"	5/8"	12"



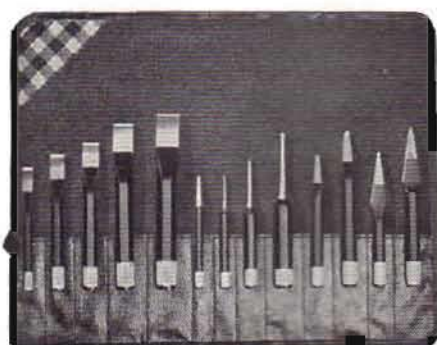
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## Gray-Bonney Punch and Chisel Sets

Gray-Bonney Chisels and Punches are forged from selected alloy steel and are carefully heat treated. Their working bits are hard and tough enough to work on any untempered material, but still sufficiently soft to be resharpened with a file. Their comparatively soft heads reduce chipping to a minimum and allow them to be readily redressed when battered. No better tools of this type can be purchased anywhere.

### No. C46 Chisel and Punch Set



The Gray-Bonney No. C46 Set offers the mechanic a compact and complete assortment of chisels and punches to entirely cover his every-day requirements. Nine chisels and four punches are included, as follows: Flat Chisels Nos. C2, C3, C4, C5, C6. Cape Chisels Nos. C12 and C13, and Diamond Point Chisels Nos. C15 and C16. Pin Punches Nos. C28, C29, C30, and Centre Punch C34, make up the remainder of the set.

Every piece is forged from high quality alloy steel and is carefully heat treated. The heads and working bits are full finished.

C46CB—In cardboard box.

C46LR—In leatherette roll.

#### Guarantee—Punches and Chisels

Every care is taken to eliminate the possibility of defects in Gray-Bonney punches and chisels. We will gladly replace any tool, which after reasonable use, shows signs of defective material or workmanship, provided that claim is made within thirty days from date of purchase. Punches or chisels which have been abused or reground cannot be replaced.

### Lining-Up Punches



#### (Silico-Manganese Steel)

No. 8386—Lining-Up Punch, 5/8" stock, 5/16" point. Length, 15".

No. 8385—Lining-Up Punch, 3/4" stock, 5/16" point. Length, 18".



### C39 Super Pry Bar

A pry bar and lining-up punch designed so that it can be used as a powerful lever for removing gears, bushings, bearings, ball races, etc.

### No. C47 Chisel and Punch Set



For mechanics who require a complete line of punches and chisels there is no better assortment than the Gray-Bonney C47 Set. It contains thirteen Chisels, ten Punches, a Rivet Buster and a Pry or Pinch Bar.

Chisels included—Flat Chisels Nos. C2, C3, C4, C5, C6, C7; Cape Chisels C12 and C13; Long Flat Chisel C10; Diamond Point Chisels Nos. C15 and C16; Round Nose Chisels C18 and C19. Punches included—Long Taper Punches Nos. C25 and C26; Prick Punch C32; Solid Punches C21, C22, C23; Pin Punches C28, C29, C30; Centre Punch C34. Rivet Buster C36 and Pry or Pinch Bar C38.

C47CB—In cardboard box.

C47LR—In leatherette roll.

### No. C44 Punch Set

Contains the five most used punches—C28 and C29 Pin Punches, C21 and C22 Solid Punches and C34 Centre Punch.

C44LR—In leatherette roll.

C44CB—In fibre box.

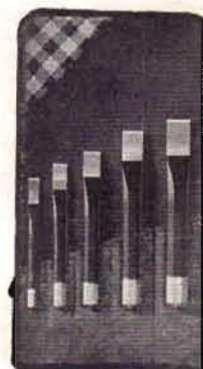
### No. C45 Flat Chisel Set

The Gray-Bonney C45 Flat Chisel Set completely covers the range of chisel requirements of the average mechanic. It contains five flat chisels—Nos. C2, C3, C4, C5 and C6, having width of cuts of 1/2", 5/8", 3/4", 7/8" and 1", respectively.

All are forged from high quality alloy steel of the composition most suitable for this type of tool. They are heat treated to assure a hard, tough working bit, while their octagon shape offers an easy, secure grip.

C45CB—In cardboard box.

C45LR—In leatherette roll.

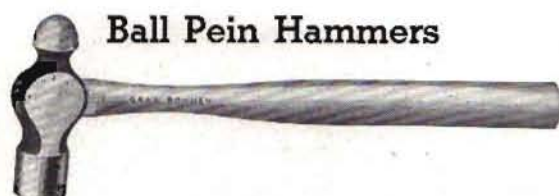






*The Finest That Money Can Buy*

## Gray-Bonney Hammers and Body Workers' Tools



**Ball Pein Hammers**

Gray-Bonney No. 12 Series Ball Pein Hammers are drop forged from selected steel and carefully heat treated. The handles are of straight grain hickory, securely fastened in the head, with our special iron S wedge. The No. 12 Series have head, pein and sides highly polished, with the balance finished in black enamel.

No.	Weight
12	3 Lbs.
12A	2-1/2 "
12C	2 "
12E	1-1/2 "
12F	1-1/4 "
12G	1 "
12H	3/4 "
12I	8 oz.
12K	4 "

The No. 212 Series Hammers have head and pein polished, with the body finished in black enamel. They are carefully heat treated, with high grade handle, and are excellent value.

No.	Weight
212	3 Lbs.
212A	2-1/2 "
212C	2 "
212E	1-1/2 "
212F	1-1/4 "
212G	1 "
212H	3/4 "
212I	8 oz.
212K	4 "

### Soft Face Hammers



Gray-Bonney Soft Face Hammers are useful for fitting piston pins and similar jobs, and for body and fender work. The tips are of a tough, amber-colored composition material that will not mar a finely finished surface. New tip may be attached by turning the old one loose with a pipe wrench and pressing on the new tip. The hammer is properly balanced and the hickory handle is securely locked in the head.

No.	Weight
PH17	1/4 lb.
PH15	1/2 lb.
PH20	1 lb.

Extra Tips are available for all hammers. To order, simply specify number of hammer.



**Tire and Rim Hammer**

No. PH19—Drop forged from high grade steel and carefully heat treated. This Tire and Rim Hammer is specially designed for all types of work where such a tool is needed. Weight, 3 lbs. Length overall, 16".



**Bumping Hammer**

No. PH22—Of the same construction described above, this hammer has polished faces and black body. Head, 4-1/4" long. Round face, 1-1/4" in diameter. Square face, 1-1/4" square. Overall length, 12". Weight, 14 ozs.

### Light Bumping Hammer



No. PH23—A light weight finishing hammer with polished faces on the head and black body. Head, 4" long. Round face, 1-1/4" in diameter. Square face, 1-1/8" square. Overall length, 11-1/2". Weight, 9 ozs.



**Dinging Hammer**

No. PH24—A finishing hammer with faces crowned and polished; body of head finished in black. Head, 6" long. Large face, 1-5/8" diameter. Small face, 1-1/4" diameter. Overall length, 12". Weight, 13 ozs.

### Light Dinging Hammer



No. PH25—A sturdily made, light weight finishing hammer. Head 6-1/2" long. Large face 1-1/4" square. Small face, 1-1/16" in diameter. Overall length, 11-1/2". Weight, 10 ozs.



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## Gray-Bonney Body and Fender Tools

### Special Bumping Hammer



No. PH26—The head is drop forged with bullet shaped end which makes it easy to remove small dents. Face of the head is polished with body finished in black. Strong hickory handle. Head, 4" long. Weight, 7 ozs.

### Upholsterers' Magnetic Hammer



No. PH27—Head is polished all over and one end is magnetized. Head is 5-1/2" long. Overall length, 12". Weight, 7 ozs.

### Tack Claw



No. PH28—For attaching to handle of No. PH27 Upholsterers' Magnetic Hammer. Full polished finish. Weight, 1 oz.

### Fender Bumper



No. PH29—Used underneath the fender in roughing out bumps. Its design eliminates the necessity of removing the wheels. Head, 8" long. Face, 1-15/16" diameter. Overall length, 14". Weight, 1-1/2 lbs.

### Fender Bumper Mallet



No. PH30—Has rubber composition head which excels hickory for durability. It will not shatter, chip or split. Handle is of hickory. Head 2-1/2" in diameter, 4-1/2" long. Handle is 11-1/2" long.

### Long Nose Pricking Hammer



No. PH31—Has long reach pein used in driving up small dents. Drop forged of selected hammer steel with fine quality hickory handle. All working surfaces highly polished. Head 9-1/2" overall. Face 1-5/8" diameter. Length 12" overall. Weight 15 oz.

### Point Dinging Hammer



No. PH32—Has medium length point for driving up small dents. Drop forged steel with fine hickory handle. Working surfaces highly polished. Head 6-3/4" overall. Weight 13 oz.

### Cross Pein Bumping Hammer



No. PH33—For work on beads, mouldings and sharp corners this Cross Pein Bumping Hammer is ideal. Head is drop forged steel with polished working surfaces. Handle is first quality hickory. Head 5-1/4" overall. Round face 1-1/4" diameter. Pein 5/8" wide. Length overall 11-1/2". Weight 9 oz.

### Offset Dinging Hammer



No. PH34—The offset faces of this hammer permit striking a flat face blow while working on a crowned surface or uneven angles. Head is drop forged steel with polished working surfaces. Handle of fine quality hickory. Head 6-1/2" long. Weight 10 oz.





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## Gray-Bonney Body and Fender Tools

### Regular or Toe Dolly Block



No. F2—Drop forged of selected steel and full surface ground and polished. Length, 4-3/4". Width, 2-1/4". Thickness, 1-1/16". Weight, 2-1/2 lbs.

### Budd Dolly Block



No. F7—Drop forged of selected steel. Full surface ground and polished. Its curved surfaces are designed so that it will take care of any repair on a Budd Body. Each block is carefully gauged after it is polished to insure correct radii of the curves. Weight, 3 lbs.

### Heel Dolly Block



No. F3—Drop forged of steel most suitable for this type tool. Full surface ground and polished. Length, 2-1/2". Width, 3-1/8". Thickness, 1-1/2". Weight, 2-1/4 lbs.

### Fender Dolly Block



No. F8—Designed especially for repairs to fenders with rolled edges and beads. The small curved end works perfectly under the rolled edge. Highly polished. Length 4". Width 2-3/4" at bead end, 2-1/2" at heel end. Weight, 2-1/2 lbs.

### Bar Dolly



No. F4—Drop forged steel and full surface ground and polished. Length, 4-1/4". Width, 2". Thickness, 1-1/2". Weight, 3 lbs.

### Fender Bracket Dolly



No. F9—Drop forged steel. The working face is polished and body is black enamel. Shaped so that it can be inserted between the fender bracket and fender.

### Wedge Dolly Block



No. F5—Especially designed for work on turret tops. Drop forged of selected steel, with working surfaces highly polished. Length 5". Width 2-1/2". Weight, 2-1/2 lbs.

### Small Hand Hold Dolly



No. F10—Working surfaces are ground and polished. Weight, 2-1/4 lbs.

### General Purpose Dolly Block



No. F6—Full surface ground and polished. Weight, 3 lbs.

### Large Hand Hold Dolly



No. F12—Working surfaces are ground and polished. Weight, 3-1/2 lbs.



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## Gray-Bonney Body and Fender Tools

### Special Door Panel Spoon



long. Handle is 7/8" diameter. Weight 23 oz.

No. F13—In addition to work on door panels, this spoon will be found handy for working on the quarterdeck of turret tops and between the headlining strainer and roof panels. It's also handy for work between the fender bracket and fender metal where a dolly block can't be used. Blade is 2-1/4" wide, 5-1/2"

### Long Body Spoon (Offset Blade)



No. F19—Blade ground and polished. Width of blade, 1-1/4". Overall length, 10-1/4". Weight, 11-1/2 ozs.

### Combination Spoon and Bending Iron



No. F20—Made of selected spring steel. Designed for straightening fender flanges, pushing out panel dents, etc. Stock 1/4" x 1-1/2". Overall length, 16". Weight, 2 lbs.

### Long Body Spoon



No. F14—Blade is ground and polished. Dimensions of blade: 3/4" at point, 1-3/16" at heel, 5" long. Overall length, 11-1/4". Weight, 8 ozs.

### Wide Body Spoon



No. F15—Blade ground and polished. Dimensions of blade: 2-1/16" wide, 5" long. Overall length, 10-1/2". Weight, 1 lb.

### Panel Spoon



No. F16—Used in general body repair work and on turret tops. Forged of selected steel with polished working surfaces. Blade 2-1/4" wide, 6-1/4" long. Overall length, 11-1/4". Weight, 22 oz.

### Small Body Spoon (Offset Blade)



No. F17—Blade ground and polished. Width of blade, 1-1/8". Overall length, 7". Weight, 5-1/2 ozs.

### Multi-Head Hammer

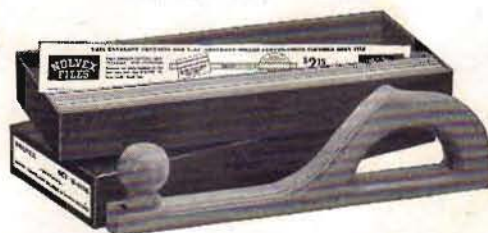


This hammer is designed so that the changing of faces is a matter of seconds. The head is made of forged steel carefully machined, so that the heads are locked firmly in position. The hammer comes complete with five tips: Pyralin, copper, lead, rubber and composition.

No. PH5M—Complete with tips.  
No. PHP—Extra Pyralin tip.  
No. PHR—Extra rubber tip.  
No. PHB—Extra composition tip.  
No. PHL—Extra lead tip.  
No. PHC—Extra copper tip.

### No. F26 File and Holder Set

Holder Supplied Free



For the shop using the F25 14" file, this combination will prove to be excellent value. Six general purpose 14" files and a No. FH414 Holder for the ordinary cost of the files.





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## Gray-Bonney Body Files and Holders

### F25 Flexible Body File



The application of the milling cutter principle to body files has produced a file that will last longer and do better work. Each tooth is individually milled, and the U shaped groove provides maximum clearance allowing the ribbon like shavings to be cleared quickly and easily. The elimination of packing and loading is a feature of this new file, and the teeth will maintain their razor like sharpness several times as long as the old V tooth file. Overall length, 14".

### Adjustable File Holder



No. F30—Can be used on 12" and 14" files. This holder is strongly made, and yet is light and handy. Can be adjusted for curving the file either outward or inward.

### FH414 Flat File Holder



This inexpensive file holder for the regular 14" flat file has long proved very popular with body workers. It is light in weight, yet has the strength of a metal holder. The comfortably shaped hand grip and perfect balance give the operator perfect control, resulting in quick satisfactory work.

### Aluminum Adjustable File Holder



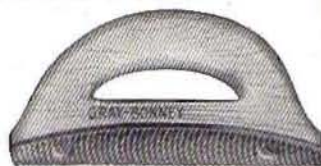
No. F31—An inexpensive adjustable file holder for use with 14" flexible file blades. Permits flexing of file for use on a hollow (concave) or a round (convex).

### FH612 Convex Holder & BF12 File



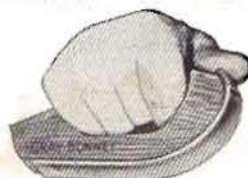
This file and holder is designed for work on curved surfaces, drop mouldings, etc.  
FH612—Holder only.  
BF12—File only.

### FH406 Revel Holder & BF6 File



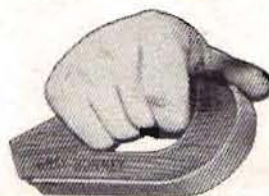
Designed for use on ledges and in small corners where a short stroke is necessary.  
FH406—Holder only.  
BF6—File only.

### FH1207 Holder & BF7 Flat File



This 7" flat curved file is ideal for round surfaces where a straight file would be useless.  
FH1207—Holder only.  
BF7—File only.

### FH1207M Holder & BF7M File



A convex file for mouldings and beads.  
FH1207M—Holder only.  
BF7M—File only.

### FH1207S Holder & BF7S File



This concave file and holder will be found invaluable for use on depressed panel ledges, offsets, etc.  
FH1207S—Holder only.  
BF7S—File only.



## Gray-Bonney Body and Fender Sets

### No. FB3 Set

9 Pieces



A compact set of body and fender tools suitable for taking care of the minor bumps which the average shop is called on to straighten out. Contains 9 pieces packed in an attractively finished metal case measuring 17" x 8-1/4" x 2-1/2".

No.	Description
F2	Regular or Toe Dolly Block
F4	Bar Dolly
F10	Small Hand Hold Dolly
F25	Flexible Body File
F31	Aluminum Adjustable File Holder
F20	Combination Spoon and Bending Iron
PH15	1/2 lb. Soft Face Hammer
PH24	Dinging Hammer
PH29	Fender Bumper

### No. FB4 Set

15 Pieces



Contains 15 essential pieces for body and fender repair work. Packed in a strong, attractively finished metal box with removable tray, padlock hasp and end carrying handles. The box is sufficiently large to take care of tools you may have on hand or wish to add later. It measures 25" x 8-1/2" x 6-1/4".

No.	Description
PH24	Dinging Hammer
PH25	Light Dinging Hammer
PH26	Special Bumping Hammer
PH30	Fender Bumper Mallet
F3	Heel Dolly Block
F4	Bar Dolly
F5	Wedge Dolly Block
F6	General Purpose Dolly Block
F8	Fender Dolly Block
F12	Large Hand Hold Dolly
F13	Special Door Panel Spoon
F16	Panel Spoon
F20	Combination Spoon and Bending Iron
F25	Flexible Body File
F31	Aluminum Adjustable File Holder

### No. FB5 Set

24 Pieces



A complete set of fender hammers, dollies, spoons, files, etc., for the specialist in body and fender repair work. Each tool has been carefully selected so that any job can be done with speed and thoroughness. Packed in attractive metal chest with removable tray and strong padlock hasp. Chest size, 25" x 8-1/2" x 6-1/4".

No.	Description
PH22	Bumping Hammer
PH23	Light Bumping Hammer
PH24	Dinging Hammer
PH25	Light Dinging Hammer
PH26	Special Bumping Hammer
PH27	Upholsterers' Magnetic Hammer
PH29	Fender Bumper
PH30	Fender Bumper Mallet
PH34	Offset Dinging Hammer
F2	Regular or Toe Dolly Block
F3	Heel Dolly Block
F4	Bar Dolly
F5	Wedge Dolly Block
F6	General Purpose Dolly Block
F8	Fender Dolly Block
F9	Fender Bracket Dolly
F12	Large Hand Hold Dolly
F13	Special Door Panel Spoon
F15	Wide Body Spoon
F16	Panel Spoon
F19	Long Body Spoon (Offset Blade)
F20	Combination Spoon and Bending Iron
F25	Flexible Body File
F31	Aluminum Adjustable File Holder





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## Gray-Bonney Screw Drivers

### Square Shank

Gray-Bonney Square Shank Screw Drivers are made with forged one-piece blades, from special alloy steel, carefully heat treated over their entire length. The handles are of the popular transparent type, which combines toughness and durability with attractive appearance. Screw drivers in the square series are primarily designed for strength and are confidently recommended for heavy work. Blades are formed with an upset shoulder, against which the handles are forced, and the method of anchoring the shank eliminates the possibility of loose handles.

No.	Length of Blade	Width of Tip	Overall Length
S04	4"	5/16"	7-3/4"
S06	6"	7/16"	10-1/4"
S08	8"	1/2"	12-3/4"
S012	12"	1/2"	17-1/2"

### Round Shank

Gray-Bonney Round Shank Screw Drivers are somewhat lighter than the square type, and are ideal for automotive mechanics. They are made with blades ranging from 4" to 12", and all tips are taper ground, with the entire length of the blades finely polished. The handles are made of moulded composition, and in addition to being extremely durable, are designed to give the user a secure yet comfortable grip. The blade is forged from alloy steel and carefully heat treated over their entire length.

These screw drivers are ideal for electrical work as the handles are non-conductors of electricity.

No.	Length of Blade	Width of Tip	Overall Length
04	4"	1/4"	7-3/4"
06	6"	5/16"	10-1/4"
08	8"	3/8"	13"
012	12"	7/16"	17-1/2"

### Guarantee — Screw Drivers

Screwdriver Blades are heat treated throughout; broken blades can be reground or returned to factory for regrounding. We cannot accept responsibility for screwdrivers which have been abused.

### Electricians'

Gray-Bonney Electricians' Screw Drivers are designed with the care and precision so necessary in screw drivers of this type. The blades are forged from special alloy steel, and are heat treated over their entire length. All drivers, regardless of length, are made from 3/16" stock, which makes them invaluable for reaching hard-to-get-at screws. The handles are made of tough transparent composition, and are non-conductors of electricity.

No.	Length of Blade	Width of Tip	Overall Length
003	3"	3/16"	6-1/2"
006	6"	3/16"	9-1/2"
0010	10"	3/16"	13-1/2"

### Wood Handle

Gray-Bonney Wood Handle Screw Drivers are made with the same high grade materials as used in the more expensive drivers. Blades are forged from alloy steel, and are securely anchored in the handles, which are of selected hardwood and beautifully finished.

Tips are taper ground, and the fluted handles give a firm yet comfortable grip. These screw drivers are ideal for mechanics, carpenters and electricians, and are excellent value.

No.	Length of Blade	Width of Tip	Overall Length
W03	3"	7/32"	7-1/4"
W04	4"	1/4"	9"
W06	6"	5/16"	11-3/4"
W08	8"	3/8"	14-1/2"
W010	10"	7/16"	16-1/2"



## Gray-Bonney Special Screw Drivers



### Phillips' Screw Drivers

Wood Handle

Phillips' screws are rapidly becoming very popular, and every mechanic should have one or more screw drivers of this type. The sizes listed below will take care of all screws. Blades are forged from alloy steel, and are carefully heat treated. The handles are of hardwood, and attractively finished.

No.	Blade		Overall Length	Fits Phillips Screws
	Length	Diam.		
WP1	3"	9/64"	6-1/4"	No. 4 and smaller
WP2	4"	1/4"	8-3/4"	No. 5 to No. 8 inc.
WP3	6"	5/16"	11"	No. 10 to No. 16 inc.
WP4	8"	3/8"	14-1/2"	No. 18 and larger

For the mechanic who needs a full set, No. WP Set contains one of each size. Packed in cardboard box.

### Phillips' Screw Drivers

Composition Handle



Where extreme strength is required, these new Phillips' Screw Drivers will be ideal. They have the popular transparent handles, with the blades securely anchored to prevent turning.

No.	Blade		Overall Length	Fits Phillips Screws
	Length	Diam.		
CP1	3"	9/64"	6"	4 and smaller
CP2	4"	1/4"	7-3/4"	5 to 9 Inc.
CP3	6"	5/16"	10-1/4"	10 to 16 Inc.
CP4	8"	3/8"	11"	18 and larger

### Short Phillips' Screw Drivers

For cramped quarters — in tightening wind-shield mouldings and on similar jobs — that cannot be reached with regulation length screw drivers, these short screw drivers will be found convenient. Of quality equal to regulation length wood handle screw drivers for Phillips Screws.



No.	Blade		Fits Phillips Screw
	Length	Diameter	
SP1	1"	9/64"	No. 4 and Smaller
SP2	1-3/8"	1/4"	No. 5 to No. 9 Inc.

### Robertson Screw Drivers

Wood Handle

The extensive use of Robertson screws in automobile body work makes it necessary for all mechanics to own a set of Robertson screw drivers. They are strongly made and finished in different colors, which indicate the size.

No. RB1—Green—for screws 4, 5 and 6; 8-1/4" long.

No. RB2—Red—for screws 7, 8 and 9; 9-1/2" long.

No. RB3—Black—for screws 10-14, incl.; 9-1/2" long.



### Phillips' Screw Attachments

3/8" Square Drive



Attachments for use with 3/8" drive handles are now available. The continued use of Phillip's screws makes the addition of a full assortment to cover all sizes. A necessity in every up-to-date mechanic's kit.

No.	Point Size	Length	Drive
TP2	2	2-5/8"	3/8"
TP3	3	2-5/8"	3/8"

### Figure 8 Screw Attachment

3/8" Square Drive



The new Figure 8 or Butterfly Screw now used on Pontiac and Chevrolet necessitates the use of this attachment. Can be used with any handle having 3/8" drive.

No.	Fits
0B1	Chevrolet Heater
0B2	Pontiac Steering Bracket





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## Gray-Bonney Special Screw Drivers

### Adjusting



This short, sturdy screwdriver is invaluable for work in confined spaces and on overhead tappet adjustments. The blade is formed from alloy steel and carefully heat treated.

No.	Length of Blade	Width of Tip	Overall Length
S01	1-3/4"	1/4"	3-3/4"
S02	1"	1/4"	2-3/4"

### No. 001 Pocket Size



A very handy screw driver for the mechanic. Clip for holding driver in pocket supplied with each driver. Blade heat treated and handle non-conducting composition. Tip 1/8", length 2".

### No. 00A Midget

A tiny screwdriver that is ideal for use on delicate electrical and ignition apparatus. The blade is only 1-1/2" long with a 1/16" tip, with an overall length of 2-7/8". Handle is of non-conductor type.

### No. E02 Neon Tube Pocket Type



Neon Tube in the handle for testing spark plugs; a tough composition handle that is a non-conductor of electricity. A wire guard that slips down over the tip and protects the pocket; a magnetized tip; and a strong pocket clip. The blade is made of alloy steel and is firmly anchored in the handle. Length of blade, 2-1/4"; width of tip, 1/8"

### No. E03 Neon Tube Electrical Type



A most useful tool for automotive and electrical work. Built to stand hard usage. Has Neon Tube in handle.

When testing spark plugs, a brilliant orange flash shows plug is O.K. Completely shorted plugs produce no flash. A stringy flash shows plug is partly fouled. Size, 3"; width of tip, 3/16". Extra Neon Tubes for E03 only.

Note.—Owing to the delicate construction of the blades in 001 and E02 drivers and the Neon tubes in E02 and E03, they are not guaranteed against breakage.

### Hold-E-Zee Screw Drivers



Hold-E-Zee Screw Drivers will hold screws firmly, and will save much valuable time. Handles are of tough composition, with blades carefully heat treated.

No.	Blade Size	Overall Length
RH2	5/32" x 2"	4"
RH3	5/32" x 3"	5-1/2"
TR4	5/32" x 4"	6-3/4"
TR10	5/32" x 10"	13-1/2"
TS-4	7/32" x 4"	7-3/4"
TS7	7/32" x 7"	10-1/4"
TH8	5/16" x 8"	12-3/4"

NOTE:—Owing to the delicate construction of these screw drivers we are positively unable to guarantee either the clip or the blade.

### Allen Head Screw Wrenches



These wrenches are practically indispensable in modern shops, as all late model motors are using hollow head cap screws and set screws on which these wrenches must be used.

No.	Size	No.	Size
W3	3/32"	W7	7/32"
W4	1/8"	W8	1/4"
W5	5/32"	W10	5/16"
W6	3/16"	W12	3/8"

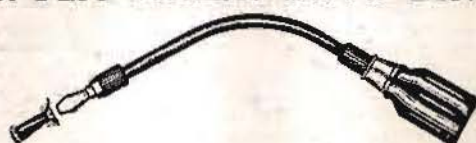
W13 Set of 8 above wrenches in fibre box.

### No. WO15 Tappet Screw Driver



A wood handle tool similar to a screw driver for tappet adjusting jobs on overhead valve motors (Chevrolet, Buick, etc.).

### No. MS8 Flexible Screw Driver



This screw driver will work at an angle of 45° and is the most useful tool ever offered for working behind instrument panels. It is ideal for electricians, radio and refrigerator service men. The laminated steel shaft is constructed of 4-ply tempered steel wire, and though flexible, is extremely strong. Length overall, 8". Width of tip, 3/16".



## Gray-Bonney Feeler Gauges



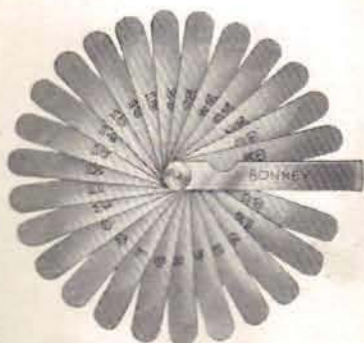
No. K50



No. K51



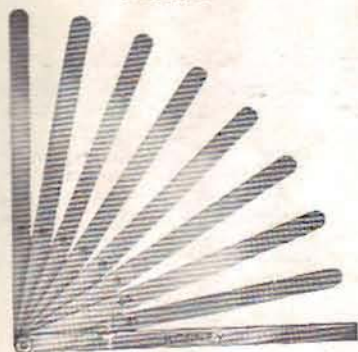
No. K52



No. K53



No. K54



No. K55

Gray-Bonney Feeler Gauges are made from the finest, imported Swedish steel, carefully heat-treated and tempered to withstand wear. Each blade is tested to insure the exact thickness which is etched on it.

Gray-Bonney Feeler Gauges are equipped with a knurled thumb nut for instant release and selection of the blade desired. When tightened, this thumb nut securely holds the blade selected in working position, while blades not needed are securely locked in the handle.

### No. K50 Brake Adjusting Gauge

For measuring clearance between brake and shoe. 9 blades 4" long in the following thicknesses—.006; .008; .010; .012; .015; .018; .020; .022 and .032.

### No. K51 General Purpose Gauge

Especially for tappet and ignition work—the most popular gauge on the market. 10 blades 1-1/2" long, 10 blades 3-5/8" long and 3" point file. Short blades in the following thicknesses—.012; .013; .014; .018; .020; .022; .024; .025; .028; .032. Long blades in following thicknesses—.002; .003; .004; .005; .006; .007; .008; .010; .013 and .015.

### No. K52 Ignition Gauge

Contains 10 narrow blades 1-1/2" long and 3" point file for ignition, distributor points and spark plugs. Thickness of blades included as follows—.012; .013; .014; .018; .020; .022; .025; .028; .032 and .035.

### No. K53 Universal Master Gauge

Has full range of spacers—25 blades, each 3-5/8" long in following thicknesses—.0015; .002; .003; .004; .005; .006; .007; .008; .009; .010; .011; .012; .013; .014; .015; .016; .018; .020; .022; .024; .025; .028; .030; .032 and .035.

### No. K54 Standard Feeler Gauge

Contains 10 blades 3-3/8" long in following sizes—.002; .003; .004; .005; .006; .007; .008; .010; .012 and .015.

### No. K55 Extra Long Feeler Gauge

Exceptionally useful for pistons, etc. Has 8 blades, each 9" long in the following sizes—.002; .003; .004; .005; .006; .008; .010; .015.

### Gray-Bonney Feeler Stock

Made from the same high grade Swedish Feeler Stock as Gray-Bonney Gauges, but in handy and economical 12" lengths. Each length is plainly marked and is individually wrapped in cellophane. 12 lengths to carton.

Available in the following sizes—.0015; .002; .004; .006; .008; .013; .015; .018; .024 and .025.





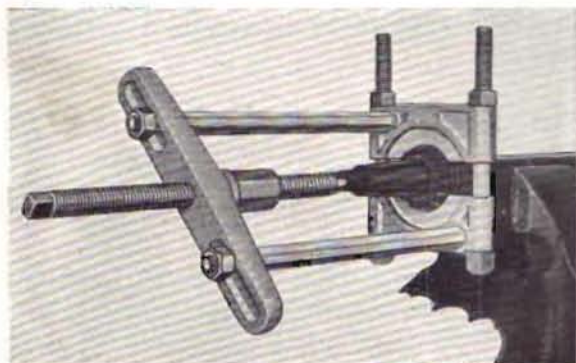
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## Special Pullers and Attachments

### No. 913 Bearing Puller

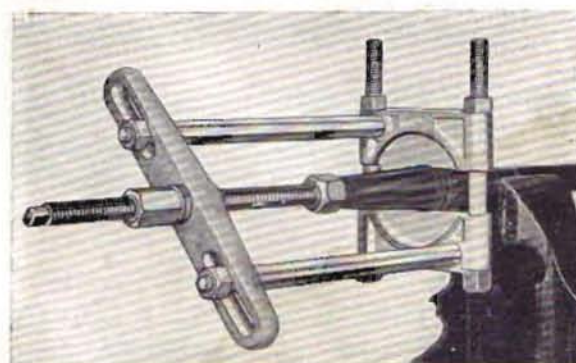
For removing and replacing axle bearings, the new 913 puller will save its cost in a very short time. The illustrations show the puller in use on one of the many jobs for which it is adapted.

It is designed for either pulling or pushing, and with the various attachments listed will save many hours of valuable time and labor.



Pulling Front Axle Shaft Bearing

The Bearing Splitter (shown attached to the puller) makes it possible to remove bearings either by pulling or pushing from the shaft, and positively eliminates the danger of damage to expensive parts. Where a large press is not available this set will prove indispensable.



Removing Rear Bearing by Pushing

- No. 912 —Consists of the pulley complete, together with the splitter as illustrated.
- No. 913 —Consists of yoke, pressure screw and 9-1/2" legs.
- No. 913B—Extra legs 16-1/2" long (pair).

### Bearing Splitters

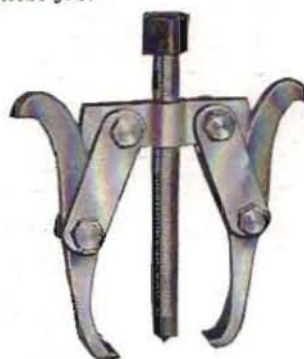
For separating and removing double Timken bearings, drive shaft pinion bearings, etc., this tool will eliminate the possibility of damage and loss of time.

No. 904 Bearing Splitter is designed for smaller work and will take up to 4-1/2" O.D.

No. 901 Bearing Splitter will take up to 5-3/4" O.D., and is particularly adapted for work on trucks, tractors and busses.

### Gear Pullers

This new and improved Gear Puller with patented gripping feature, will handle all types of gears, pinions, etc., better than anything previously offered. The double end jaws are thin and shaped so that slipping is impossible. Light in weight, yet strong enough for the toughest job.



No. 1001 with 1/2" screw, 6" long, and jaws having a spread of 6", by 3-1/2" in length, is ideal for small work.

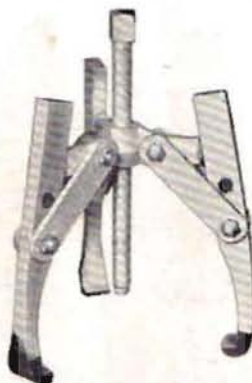
No. 1002 is an "all purpose" tool which will handle a wide range of work. Jaws are 5-1/2" long, with a spread of 8". Screw is 9" long by 5/8" diameter.

No. 1003 is equipped with 9" jaws—spread 12".

No. 1004 has jaw length of 15-1/2"—spread 15".

No. 1005 Giant Gear Puller has three adjustments, giving variation of reach from 13-1/2" to 21-1/2", and maximum jaw width of 18".

### Three Jaw Gear Pullers



An extremely useful and practical tool for pulling gears, pulleys, etc., where a two jaw puller cannot be used. This tool can be applied between spokes or through holes, and by simply turning the pressure screw a steady even pull will be exerted, and the job done easily and quickly. A feature of these pullers is that they are interchangeable with the two jaw pullers shown above, thus eliminating expensive duplication. Prices on interchangeable parts will be furnished on application.

No. 1011 has a range up to 6" O.D.

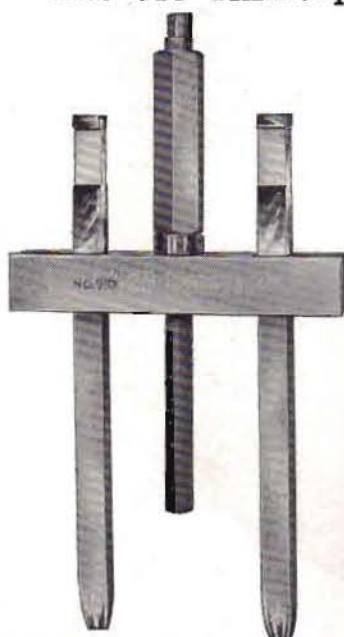
No. 1012 has a range up to 8" O.D.

No. 1013 has a range up to 12" O.D.



## Gear and Bearing Pullers and Attachments

### No. 910 All-Purpose Puller



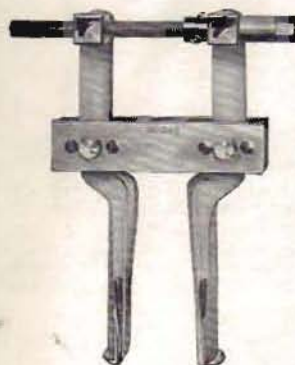
This puller has been designed to work on all cars, trucks and tractors, and is indispensable in the modern repair shop. With the attachments available it will pull gears, pinions, axles, drive shafts, bearings, valve guides, threaded shafts, etc. It has two adjustments for length and the slotted yoke permits the legs to be set to the desired width. Threaded adaptors are listed below, and with them the yoke screw may be attached directly to a threaded shaft or axle.

No. 910 — Puller as illustrated above.  
No. 910A — Consists of the puller with six adapters from 5/8" to 1-1/4" S.A.E.

#### Threaded Adapters for No. 910 Puller

No.	Size
920	5/8" SAE
924	3/4" SAE
928	7/8" SAE
932	1" SAE
936	1-1/8" SAE
940	1-1/4" SAE
948	1-1/2" SAE
925	3/4" x 20"
926	13/16" x 16"
929	7/8" x 18"
941	1-1/4" USS
949	1-1/2" USS

### No. 943 Bearing Cup Puller

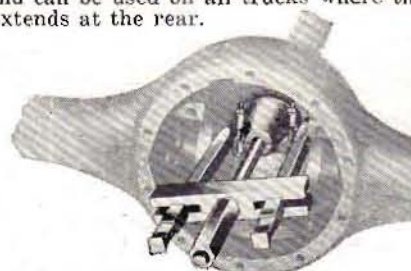


This Bearing Cup Puller will eliminate loss of time when removing bearing from cars, trucks and tractors. It is particularly suited for pulling Timken Bearing Cups from the rear axle of Dodge, De Soto, Chrysler, Plymouth and late model Fords, and bearings, grease retainers, etc., from many other cars. The jaws are reversible and may be used for both inside and outside pulling jobs.

This bearing cup puller is for use with No. 910 puller, and has a capacity of 1-1/2" to 6".

### No. 944 Drive Shaft Puller

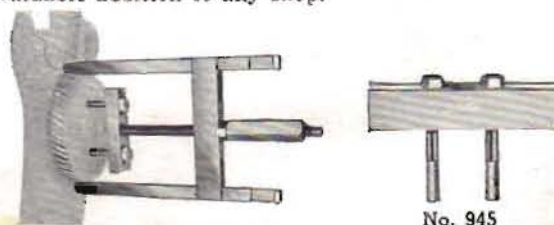
With this attachment used with the No. 910 puller, pinions and bearings can be pulled from rear axle pinion shaft housing, where the shaft comes through the back of the housing. This tool is a necessity for use on late models where hypoid gears are used. It will be found invaluable for work on General Motors cars, and can be used on all trucks where the pinion shaft extends at the rear.



No. 944 with No. 910 Puller  
Removing Chevrolet Pinion Shaft

### No. 945 Puller Attachment

This attachment is used for pulling main bearings on Plymouth, Chrysler, Dodge, DeSoto, Hudson, La Salle and Packard cars. It is also ideal for the pulling of fan pulleys and timing gears on many cars and trucks, and with the No. 910 puller will be a valuable addition to any shop.



No. 945

Pulling Timing Gear

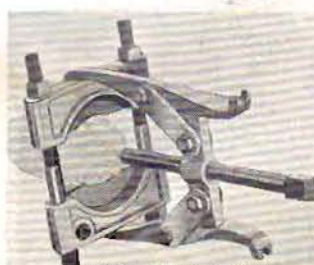
### Gear Puller Attachments

Correctly designed gear pullers are a necessity in every modern shop and will eliminate damage to gears, bearings, pinions, collars, etc. These pullers are designed so that they may be used with No. 1001 and No. 1002 gear pullers (as illustrated) or with No. 913 by inserting the threaded legs into the tapped holes of the gear puller.

No. 950 has a capacity of 2-1/4" O.D., and is ideal for small work.

No. 951 will pull pinions, cam gears, timing gears, etc., and has a capacity of 4-1/4" O.D.

No. 952 is excellent for work on tractors, trucks and busses, and has a capacity up to 5-3/4" O.D.



Pulling drive shaft pinion



Pulling generator gear





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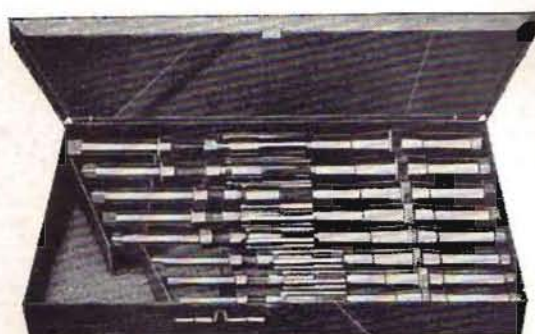
## Expansion Reamers and Honing Sets

### Expansion Type Reamers

Improved Design — 50% Faster



The improved design of these expansion type reamers is a very definite improvement over the old type. The staggered or unevenly spaced blades set at the correct angle, together with the special retaining collars, eliminates chatter and doubles the life of the reamer. They are constructed so that pilots may be quickly and easily attached, thus doubling the utility of the reamer. The pilots may be purchased separately and will fit all Critchley type reamers.



Set No. LO3 (with Pilots Attached)

No. LO1 Set contains 8 reamers without pilots from 15/32" to 1-1/16" (sizes A-H) in neat metal box.

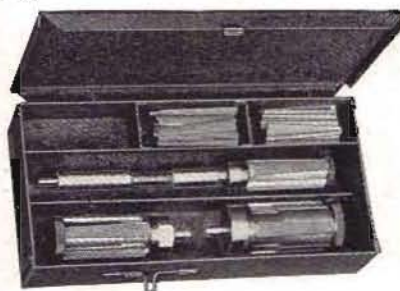
No. LO3 Set contains the same reamers as LO1 Set, but with pilots attached.

### No. L0925 Hydraulic Brake Cylinder Hone

Simple but sturdy construction makes it easy and inexpensive to operate and assures long, satisfactory service.

Each body has two sets of three slots: one set of three milled shallow and the other set of three milled 1/32" deeper.

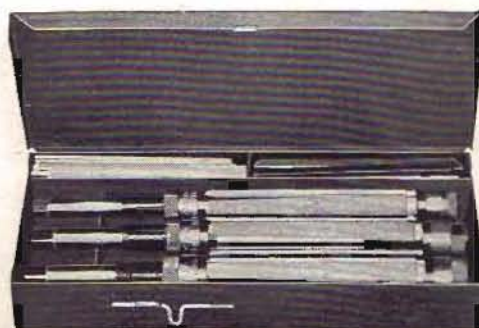
One set of blades expands 1/16 of an inch in each set of slots or, moving them from one set of slots to another gives 1/8 of an inch expansion; using the three sets of blades in this manner gives 3/8 of an inch expansion in each body so that the set described below with the three bodies has a range of from 3/4" to 1-7/8", which covers practically all pleasure cars and trucks.



No. L0925—Range 3/4" to 1-7/8", contains three bodies, three sets of three blades (small, medium and large), with abrasives mounted, eighteen extra abrasives (nine coarse and nine fine). Special 1" cup screw to be used on medium size body when honing step bore cylinders and flexible driving shaft adaptable to 1/4" or 1/2" electric drill, put up in neat metal box.

### No. L0200 Honing Sets

Ream the Hole Slightly Small Then Do the Accurate Fitting With the Hone



No. L0200, as illustrated, consisting of three hones, nine refills (3 sets), one set of shims (3), and one set of burnishers (3).

No. L0201—Coarse abrasives (1 dozen).

No. L0201F—Fine abrasives (1 dozen).

No. L0202—Set of three burnishers.

No. L0203—Set of three shims.

### Individual Reamer Specifications

No	Size	Cutter Length	Overall Length	No. of Blades
A	15/32" to 17/32"	2"	5-1/4"	6
B	17/32" to 19/32"	2"	5-3/4"	6
C	19/32" to 21/32"	2-1/4"	6-1/4"	7
D	21/32" to 23/32"	2-1/4"	6-3/4"	7
E	23/32" to 25/32"	2-1/2"	7-1/4"	7
F	25/32" to 27/32"	2-1/2"	7-3/4"	7
G	27/32" to 15/16"	3"	8-1/4"	7
H	15/16" to 1-1/16"	3"	8-3/4"	7
I	1-1/16" to 1-3/16"	3-1/2"	10"	7
J	1-3/16" to 1-11/32"	3-1/2"	11"	7
K	1-11/32" to 1-17/32"	4"	12"	7
L	1-17/32" to 1-25/32"	4"	13"	7

NOTE—When ordering pilots only, simply specify the reamer size.



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## Hub Puller, Ridge Reamer and Bushing Set

### Universal Cylinder Ridge Reamer No. L0173

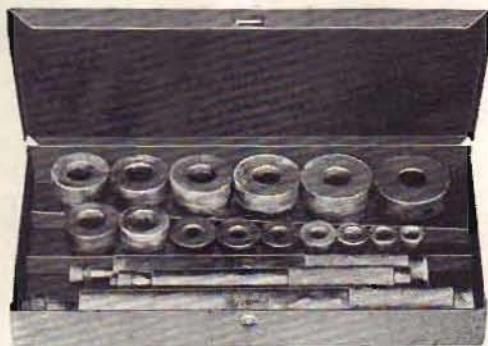


This ridge reamer removes the unworn ridge from the cylinders of all cars with bores from 2-9/16" to 4-7/8". The supporting lugs are mounted on the blades and expand with them. This eliminates the necessity of removing studs. For cars with recessed heads the lugs are replaced by small plates and the tool rests on the top of the piston while reaming.

No. L0173 Set, as illustrated, contains one set of three blades with lugs to ream 2-9/16" to 3-3/4", one set of three blades with lugs to ream 3-3/4" to 4-7/8", one set of three plates and one operating knob, in metal box.

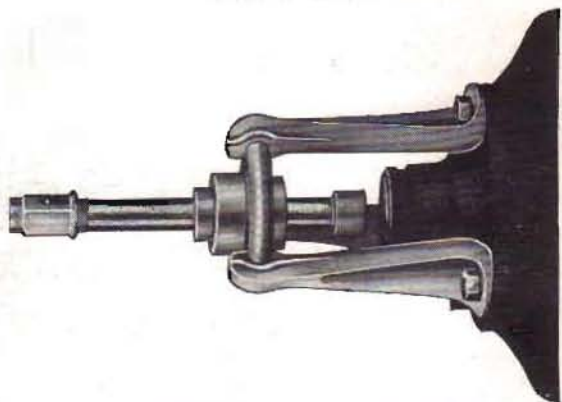
### No. L0875 Bushing Removers

This bushing remover set should be in every up-to-date garage and repair shop where modern cars are serviced. The sizes have been carefully selected, making it possible to service practically every car, truck and tractor. It will be found invaluable on water pump, king bolt, starter, and the many other bushings found on the present day car.



These tools are made of high grade steel and are carefully heat treated for long life and hard usage. The complete set contains 17 bushings, three arbors complete with retaining nuts. Packed in sturdy metal case.

### Universal Wheel Puller No. 827



The best, simplest, and sturdiest wheel puller ever developed. Has tremendous power, yet cannot bend or otherwise damage the wheel lugs.

With the regular legs, shown above, it works perfectly on over 98% of all makes of cars.

The screw has very fine threads, which give it an extremely powerful leverage. In addition, the puller is equipped with a sliding bearing through which the driving screw rides. This feature makes it possible for the operator to attach the puller to the studs, then draw the screw tightly against the axle and with a light blow of a hammer, remove the most stubborn hub. Extends to include 8 inch bolt circle.

Another feature is the floating cap on the screw end. This centers on the axle, avoiding injury to either axle or puller.

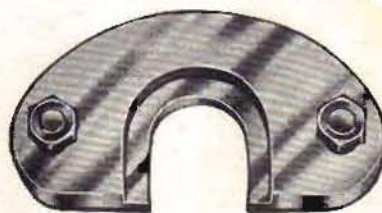
The driving end is forged with a hexagon head which firmly holds the driving handle. The handle driving bar can be eliminated if it is desired to turn the screw up with an ordinary socket or open end wrench.

### Drive Handle for Hub Puller 827H



Designed especially for No. 827 Hub Puller. Drop forged and heat treated.

### No. 827V Wheel Puller Adaptor



This adaptor will work on all Ford V-8 hubs from 1936 to date. Engage two of the puller arms in the bolts and slide the adaptor over the hub groove. Apply pressure by means of the pressure screw, and a straight steady pull will result.

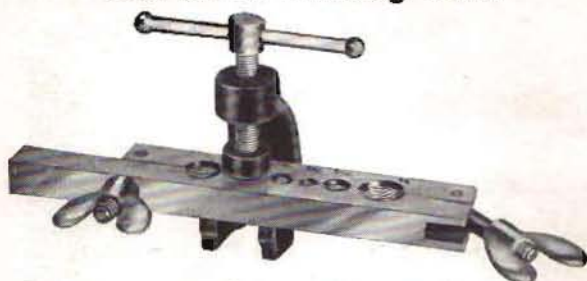




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## Miscellaneous Special Tools

### No. RF46 Flaring Tool



A simple, fast, efficient tool for quickly and accurately flaring copper and other tubing having 3/16", 1/4", 5/16", 3/8", 1/2" and 5/8" O. D. Oversize wing nuts securely lock tubing in holes threaded to prevent slipping. Open side flaring yoke attaches instantly to flaring bars. The flaring head is of the self-centering type, assuring easy, perfect flaring. A fine tool, reasonably priced for working in close quarters on gas lines, hydraulic brake lines, etc. Net weight 2-1/4 lbs.

### Tube Cutters



The new RF70 is a high quality cutter for brass and copper tubing from 1/8" to 1". The razor edge cutting wheel and tension spring in the roller housing eliminates burr and prevents distortion of the tube.



The RF59 is a compact and efficient cutter for tube ranging from 1/8" to 1" O.D. The slide lock reamer opens instantly. A low-priced tool of high quality.

### Tube Benders

Ideal for bending copper and other tubing by hand to any desired shape without collapsing the tube.

Made of special oil-hardened spring steel, cadmium plated. The belled end assures ease in removing the tubing after the bend has been made.

No.	For Size Tubing	No.	For Size Tubing
RF60	1/4"	RF63	7/16"
RF61	5/16"	RF64	1/2"
RF62	3/8"	RF65	5/8"

### No. RF66 Tube Bender Set



Every service man should have a complete set of these tube benders in his kit. The set consists of one each of the above sizes.

### No. F658 Auto Body Worker's Jack

Here is a lightweight all steel jack with a 3-ton capacity that can be used in all spaces from 15 inches to 6 feet.

The three extension tubes are made of the finest seamless, drawn steel tubing providing maximum rigidity, strength and light weight.

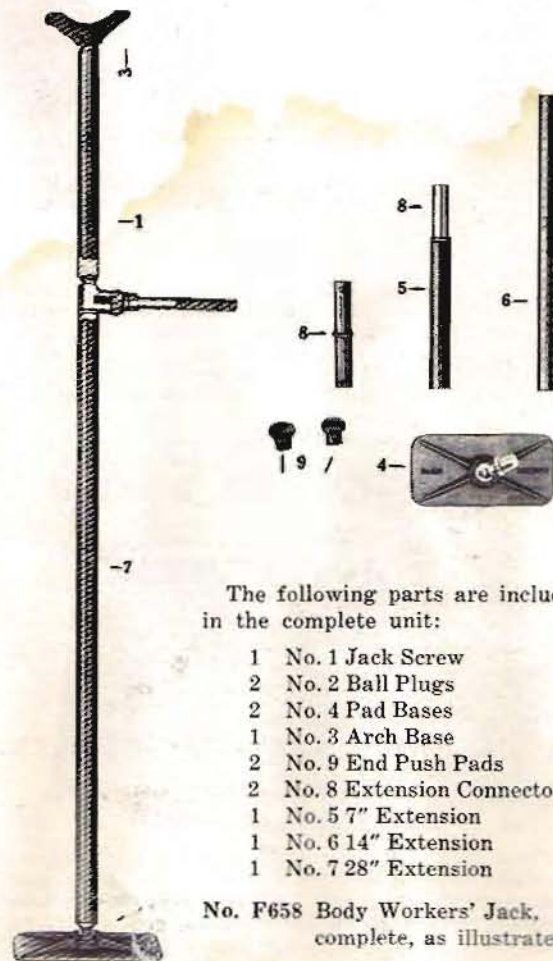
The arch base, pad base, and round push pads snap on to either end. Two ball fittings give a ball and socket action to the arch and pad base so that they can be used on flat as well as angular or irregular surfaces.

The smooth, easy working 12-point ratchet permits the jack to be used in close quarters. It ratchets up or down and also has a locked or non-ratcheting position.

Quick length adjustment is obtained by raising the screw in the base tube and spinning the knurled nut to the desired position.

The feature that will probably appeal most is its lightness and convenience in use. With a pad base and 7-inch extension the jack weighs only 7 lbs.

It is attractively finished and rust-proofed with blue lacquer and all bright parts are nickel plated.



The following parts are included in the complete unit:

- 1 No. 1 Jack Screw
- 2 No. 2 Ball Plugs
- 2 No. 4 Pad Bases
- 1 No. 3 Arch Base
- 2 No. 9 End Push Pads
- 2 No. 8 Extension Connectors
- 1 No. 5 7" Extension
- 1 No. 6 14" Extension
- 1 No. 7 28" Extension

No. F658 Body Workers' Jack, complete, as illustrated.



## Special Service Station Tools

### No. 842 Drain Plug Wrench



Drop forged from special steel to service practically all cars.

### No. 843 Drain Plug Wrench



This drop forged wrench will fit plugs on practically all cars.

### No. 841 One Man Grease Bar



Invaluable on the grease rack for freeing frozen shackles.

### No. 0462 Shock Absorber Link Separator



This tool is built to separate shock absorber links and tie rod joints by driving the wedge between the parts. With the nut removed from the tapered bolt this tool is placed between the link and the shock arm. A few sharp blows will separate the tapered arm from the link. A spacing collar is furnished for 1934 Ford shock absorbers, and this handy tool will work on all other models from 1934 on. 18" long, drop forged and built for long service.

### No. 840 Wire Scratch Brush



A good quality brush for removing dirt and grease on tires and rims.

### No. 845 Spring Leaf Grease Punch



Indispensable tool for every grease rack. Designed to permit the forcing of grease between spring leaves. Simple and easy to operate.

### No. M25 Spoon Type Tire Irons



This straight type tire iron is made to stand hard usage and eliminate damage to tires and tubes.

### No. M26 Spoon Type Tire Irons



This spoon type tool should be used with No. M25 shown above.

### No. M41 Drop Center Tire Iron



The lip acts as a stop, thus preventing pinching of the tube.

### No. M2 Special Long Tire Iron



This tool is 20" long and will handle the most obstinate tires.

### No. M12 Special Lock Ring Tool



For service on trucks with solid type ring. 20" long.

### No. M9 Tire Spreader



A necessary tool for tire shops. The spindle rollers rotate freely and slip easily into the casing.





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## Rim and Stillson Wrenches

### Four-Way Rim Nut Wrenches

No. 308—Forged steel. Deep sockets, 5/8", 3/4", 13/16" and 7/8" openings. Arms 9/16" diameter and 16-1/2" long. Nickel plated and forged from Chrome Vanadium steel.



No. 307—Same as No. 308, but with 13" arms. Cadmium plated and forged from high Carbon Steel.

### Truck Rim Wrenches



The truck rim wrenches shown below will cover practically all wheel nuts on present day trucks.

1258	1-1/2" Hex. x 13/16" Sq.
1259	59/64" Hex. Openings
7940	13/16" Sq. x 1-1/8" Hex.
7944	7/8" Hex. x 1-1/16" Hex.
7944A	7/8" Hex. x 1-3/16" Hex.
1258B	Cross Bar

No. 1258—Fits Ford, Dodge and Fargo.

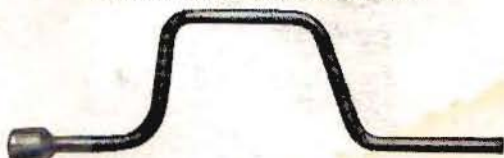
No. 1259—Fits Leyland.

No. 7940—Fits Budd wheels.

No. 7944—Fits International.

No. 7944A—Fits G.M.C., Diamond T, Reo, Federal.

### Rim Nut Wrenches



No.	Opening	Length
1241	5/8"	16-1/2"
1245	11/16"	18"
1249	3/4"	16-1/2"
1249L	3/4"	23"

#### Crank Type

120	13/16"	15"
1257	7/8"	15"

### Shock Type Wheel Pullers

Machined from cold drawn steel, carefully heat-treated. Length 2-1/2", each in attractive carton.



No. 1	5/8" x 18 threads
No. 2	3/4" x 16 "
No. 2a	3/4" x 20 "
No. 2b	13/16" x 16 "
No. 3	7/8" x 14 "
No. 3a	7/8" x 18 "
No. 4	1" x 14 "
No. 5	1-1/8" x 14 "
No. 6	1-1/4" x 12 "

### Stillson Wrenches



Gray-Bonney Stillson Wrenches are correctly designed and sturdily built. Made of materials most suitable for the work to which wrenches of this type are subjected. The handles and jaws are drop forged and heat treated to produce tough, durable teeth.

Size	Grips Pipe	Size	Grips Pipe
6"	1/8"—1/2"	18"	1/4"—2"
8"	1/8"—3/4"	24"	1/4"—2-1/2"
10"	1/8"—1"	36"	1/4"—3-1/2"
14"	1/4"—1-1/2"	48"	1"—5"

### Genuine RIDGID Wrenches Straight Pattern



Ridgid Pipe Wrenches have long been famous for their remarkable durability under hard usage. They are drop forged from specially selected steel and carefully heat treated. The unbreakable housing and free-moving nut are features that will be appreciated by all good mechanics.

Size	Grips Pipe	Size	Grips Pipe
6"	1/8"—1/2"	14"	1/4"—2"
8"	1/8"—1"	18"	1/4"—2-1/2"
10"	1/8"—1-1/2"	24"	1/4"—3"
12"	1/4"—2"	36"	1/4"—4-1/2"

### Offset Pattern



The offset head of those hard-  
As in the  
without lo

10.  
12E



*The Finest That Money Can Buy*



## Gray-Bonney Tool Boxes

### Gray-Bonney Tool Chests

Designed for the Work Bench

#### No. 1224



For the mechanic who takes a pride in his tools, this cabinet will prove an excellent investment. It is large enough to accommodate a complete kit, and will eliminate the possibility of lost tools. The exterior case is made of 18 gauge steel and the drawers are of 20 gauge. Drawer partitions are removable and can be quickly adapted to any assortment of tools. The size of the chest is 24" x 11" x 13", with attractive black crackle finish. Weight 56 lbs.

No. 1224 Tool Chest only.

No. 1224T Tote Tray.

#### No. 1220 Chest

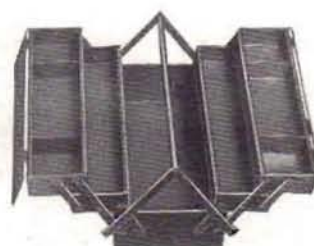


### Duplex Tool Boxes

Gray-Bonney line of Duplex "all steel" tool boxes will give the mechanic who takes pride in his tools the type of box he requires. Their rugged construction gives ample strength, yet by a slight pressure on the handle, the box is open and the tools ready to hand.

#### No. 100 Series

High quality boxes, having two trays on each side of handle. Three sizes available.



No. 114B—14" x 8" x 7-3/4"—Weight 9 lbs.

No. 119B—19" x 8" x 7-3/4"—Weight 17-1/2 lbs.

No. 121B—21" x 8" x 7-3/4"—Weight 20 lbs.

#### No. 500 Series

Specially designed for the mechanic with a limited amount of tools to carry around.



No. 514B—14" x 8" x 6"—Weight 7 lbs.

No. 517B—17" x 8" x 7"—Weight 11 lbs.

No. 521B—21" x 8" x 6"—Weight 16 lbs.

### Mechanics' Tool Boxes

Steel boxes as used in socket sets make excellent tool chests. Their sturdy steel construction makes them ideal for automotive mechanics, millwrights and plant engineers. Listed below is a complete assortment of boxes of this type. All are finished in attractive baked enamel. For illustrations of these boxes, see pages mentioned in table below.

No.	Length	Width	Depth	Page
30B	21"	7"	6"	8, 9 & 14
82B	22-1/2"	5-3/8"	3-5/8"	9
461B	20-1/4"	6-1/2"	1-11/16"	8
1400B	15-7/8"	3-3/8"	1-3/4"	8
A <sup>1</sup> B	26-1/2"	12"	11-1/4"	10
B	"	10-3/4"	9"	10
B	25"	8-1/2"	6-1/4"	39



